

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>5</sup></b>		2.3	1.3	0.6	0.7	1.0
<b>Private industry<sup>5</sup></b>		2.2	1.2	0.6	0.6	0.9
<b>Goods-producing<sup>5</sup></b>		2.0	1.3	0.7	0.6	0.7
<b>Natural resources and mining<sup>5,6</sup></b>		1.4	0.8	0.6	0.3	0.5
<b>Agriculture, forestry, fishing and hunting<sup>5</sup></b>		3.7	1.7	1.1	0.6	2.0
Crop production <sup>5</sup>	111	2.8	1.3	0.6	0.7	1.5
Animal production and aquaculture <sup>5</sup>	112	4.2	2.2	1.6	0.5	2.0
Fishing, hunting and trapping	114	--	--	--	--	--
Support activities for agriculture and forestry	115	4.2	1.4	0.8	0.6	2.8
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b>		0.9	0.7	0.5	0.2	0.3
Oil and gas extraction	211	0.6	0.4	0.3	0.2	0.1
Mining (except oil and gas) <sup>7</sup>	212	1.3	1.0	0.5	0.5	0.4
Support activities for mining	213	1.1	0.8	0.6	0.2	0.3
<b>Construction</b>		1.7	1.0	0.6	0.4	0.7
<b>Construction</b>		1.7	1.0	0.6	0.4	0.7
Construction of buildings	236	0.7	0.4	0.3	0.1	0.3
Heavy and civil engineering construction	237	1.4	0.7	0.4	0.3	0.7
Specialty trade contractors	238	2.2	1.4	0.9	0.6	0.8
<b>Manufacturing</b>		2.5	1.7	0.7	1.0	0.9
<b>Manufacturing</b>		2.5	1.7	0.7	1.0	0.9

See footnotes at end of table.

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Food manufacturing	311	3.9	2.9	1.1	1.8	1.0
Beverage and tobacco product manufacturing	312	3.2	2.2	0.6	1.7	0.9
Leather and allied product manufacturing	316	2.5	2.0	0.9	1.0	0.5
Wood product manufacturing	321	3.4	2.4	1.2	1.2	1.0
Printing and related support activities	323	1.2	0.9	0.4	0.5	0.3
Petroleum and coal products manufacturing	324	1.1	0.6	0.5	0.2	0.4
Chemical manufacturing	325	1.4	1.0	0.3	0.7	0.4
Plastics and rubber products manufacturing	326	2.9	2.2	0.8	1.5	0.6
Nonmetallic mineral product manufacturing	327	3.1	2.2	1.2	1.0	0.9
Primary metal manufacturing	331	5.6	3.8	1.1	2.6	1.8
Fabricated metal product manufacturing	332	3.2	2.0	1.1	0.9	1.3
Machinery manufacturing	333	1.6	0.9	0.3	0.5	0.7
Computer and electronic product manufacturing	334	1.3	0.6	0.2	0.4	0.6
Electrical equipment, appliance, and component manufacturing	335	2.0	1.0	0.3	0.7	1.0
Transportation equipment manufacturing	336	3.0	1.9	0.9	1.0	1.1
Furniture and related product manufacturing	337	4.1	2.5	1.2	1.3	1.6
Miscellaneous manufacturing	339	1.7	1.0	0.4	0.6	0.7
<b>Service-providing</b>		2.2	1.2	0.5	0.6	1.0
<b>Trade, transportation, and utilities<sup>8</sup></b>		3.0	2.0	0.9	1.1	1.0
<b>Wholesale trade</b>		2.1	1.5	0.5	1.0	0.6
Merchant wholesalers, durable goods	423	1.5	1.0	0.4	0.5	0.5
Merchant wholesalers, nondurable goods	424	3.2	2.7	0.8	1.9	0.5
Wholesale electronic markets and agents and brokers	425	1.9	0.8	0.3	0.6	1.1
<b>Retail trade</b>		3.2	2.0	0.7	1.2	1.2
Motor vehicle and parts dealers	441	2.6	1.4	0.8	0.7	1.2
Furniture and home furnishings stores	442	1.4	0.8	0.3	0.5	0.6

See footnotes at end of table.

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Electronics and appliance stores	443	1.2	0.6	0.5	--	0.6
Building material and garden equipment and supplies dealers	444	3.9	2.9	0.8	2.1	1.0
Food and beverage stores	445	4.1	3.2	0.8	2.3	0.9
Health and personal care stores	446	1.8	0.8	0.3	0.5	1.0
Clothing and clothing accessories stores	448	2.1	1.1	0.9	0.2	1.1
Sporting goods, hobby, book, and music stores	451	3.1	2.1	0.6	1.5	1.0
General merchandise stores	452	4.4	2.3	0.7	1.6	2.1
Miscellaneous store retailers	453	3.8	2.6	0.5	2.1	1.3
<b>Transportation and warehousing<sup>8</sup></b>		4.0	2.9	1.7	1.2	1.2
Air transportation	481	7.2	5.4	3.9	1.5	1.8
Rail transportation <sup>8</sup>	482	1.0	0.6	0.5	--	0.4
Water transportation	483	1.9	1.5	--	0.7	--
Truck transportation	484	3.8	2.6	1.7	0.8	1.2
Transit and ground passenger transportation	485	3.0	2.4	1.9	0.5	0.5
Support activities for transportation	488	2.3	1.3	0.7	0.6	1.0
Couriers and messengers	492	8.4	7.0	2.9	4.0	1.4
Warehousing and storage	493	3.9	2.7	1.0	1.8	1.2
<b>Utilities</b>		1.8	0.9	0.5	0.5	0.8
Utilities	221	1.8	0.9	0.5	0.5	0.8
<b>Information</b>		1.3	0.8	0.7	0.1	0.5
<b>Information</b>		1.3	0.8	0.7	0.1	0.5
Publishing industries (except internet)	511	0.4	0.1	--	--	0.4
Telecommunications	517	2.1	1.5	1.3	0.2	0.6
<b>Finance, insurance, and real estate</b>		1.1	0.5	0.2	0.3	0.6

See footnotes at end of table.

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Finance and insurance</b>		0.6	0.2	0.2	( <sup>9</sup> )	0.4
Credit intermediation and related activities	522	0.7	0.3	0.2	( <sup>9</sup> )	0.4
Insurance carriers and related activities	524	0.4	0.2	0.1	0.1	0.2
<b>Real estate and rental and leasing</b>		2.3	1.1	0.4	0.8	1.2
Real estate	531	2.6	1.1	0.4	0.7	1.5
Rental and leasing services	532	1.7	1.2	0.4	0.9	0.5
<b>Professional and business services</b>		1.1	0.6	0.3	0.3	0.5
<b>Professional, scientific, and technical services</b>		0.8	0.4	0.3	0.2	0.3
Professional, scientific, and technical services	541	0.8	0.4	0.3	0.2	0.3
<b>Management of companies and enterprises</b>		0.8	0.5	0.1	0.4	0.3
<b>Administrative and support and waste management and remediation services</b>		1.6	0.9	0.4	0.5	0.7
Administrative and support services	561	1.5	0.9	0.4	0.5	0.7
Waste management and remediation services	562	3.2	1.6	0.7	0.9	1.7
<b>Educational and health services</b>		2.6	1.0	0.5	0.5	1.6
<b>Educational services</b>		1.3	0.4	0.2	0.2	0.9
<b>Health care and social assistance</b>		2.7	1.1	0.5	0.6	1.6
Ambulatory health care services	621	1.5	0.4	0.3	0.2	1.1
Hospitals	622	4.9	1.8	0.9	0.9	3.1
Nursing and residential care facilities	623	4.6	2.6	1.0	1.6	2.0

See footnotes at end of table.

**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Social assistance	624	1.1	0.6	0.2	0.4	0.5
<b>Leisure, entertainment, and hospitality</b>		2.5	1.1	0.5	0.6	1.4
<b>Arts, entertainment, and recreation</b>		2.6	1.3	0.6	0.7	1.4
<b>Accommodation and food services</b>		2.5	1.1	0.5	0.6	1.4
Accommodation	721	2.9	1.6	0.7	0.9	1.3
Food services and drinking places	722	2.4	1.0	0.5	0.5	1.4
<b>Other services (except public administration)</b>		1.7	0.8	0.5	0.3	0.9
<b>Other services (except public administration)</b>		1.7	0.8	0.5	0.3	0.9
Repair and maintenance	811	2.1	1.1	0.9	0.3	1.0
Personal and laundry services	812	1.1	0.5	0.2	0.3	0.6
Religious, grantmaking, civic, professional, and similar organizations	813	1.7	0.4	0.1	0.3	1.3
<b>State and local government<sup>5</sup></b>		--	--	--	--	--
<b>State government<sup>5</sup></b>		--	--	--	--	--
<b>Service-providing</b>		--	--	--	--	--
<b>Public administration</b>		0.3	0.2	0.2	--	0.1
<b>Public administration</b>		0.3	0.2	0.2	--	0.1
<b>Local government<sup>5</sup></b>		3.4	1.8	1.2	0.6	1.6
<b>Service-providing</b>		3.4	1.8	1.2	0.6	1.6

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**Table 1. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Educational and health services</b>		3.7	1.4	0.8	0.6	2.3
<b>Educational services</b>		3.7	1.4	0.8	0.6	2.3
Educational services	611	3.7	1.4	0.8	0.6	2.3
<b>Health care and social assistance</b>		3.4	0.8	0.5	0.2	2.6
Hospitals	622	3.3	0.8	0.5	0.2	2.6

<sup>1</sup> Incidence rates represent the number of injuries and/or illnesses per 100 full-time workers and were calculated as:  $(N / EH) \times 200,000$  where,  
 N = number of injuries and/or illnesses  
 EH = total hours worked by all employees during the calendar year  
 200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* -- United States, 2012.

<sup>4</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>5</sup> Excludes farms with fewer than 11 employees.

<sup>6</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>8</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>9</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

**Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>4</sup></b>		230.5	128.0	62.9	65.1	102.5
<b>Private industry<sup>4</sup></b>		183.4	103.1	48.5	54.7	80.3
<b>Goods-producing<sup>4</sup></b>		38.2	24.4	12.4	12.1	13.8
<b>Natural resources and mining<sup>4,5</sup></b>		3.8	2.3	1.6	0.7	1.4
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		1.5	0.7	0.5	0.2	0.8
Crop production <sup>4</sup>	111	0.3	0.2	0.1	0.1	0.2
Animal production and aquaculture <sup>4</sup>	112	0.7	0.3	0.3	0.1	0.3
Fishing, hunting and trapping	114	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Support activities for agriculture and forestry	115	0.5	0.2	0.1	0.1	0.3
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		2.2	1.6	1.1	0.5	0.6
Oil and gas extraction	211	0.4	0.3	0.2	0.1	0.1
Mining (except oil and gas) <sup>6</sup>	212	0.2	0.1	0.1	0.1	0.1
Support activities for mining	213	1.6	1.1	0.8	0.3	0.5
<b>Construction</b>		12.2	7.4	4.6	2.8	4.8
<b>Construction</b>		12.2	7.4	4.6	2.8	4.8
Construction of buildings	236	1.2	0.7	0.4	0.2	0.5
Heavy and civil engineering construction	237	2.4	1.2	0.7	0.4	1.2
Specialty trade contractors	238	8.6	5.6	3.4	2.2	3.0
<b>Manufacturing</b>		22.3	14.7	6.2	8.5	7.6
<b>Manufacturing</b>		22.3	14.7	6.2	8.5	7.6

See footnotes at end of table.

**Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Food manufacturing	311	3.9	3.0	1.1	1.9	1.0
Beverage and tobacco product manufacturing	312	0.5	0.3	0.1	0.3	0.1
Leather and allied product manufacturing	316	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Wood product manufacturing	321	0.9	0.6	0.3	0.3	0.3
Printing and related support activities	323	0.3	0.2	0.1	0.1	0.1
Petroleum and coal products manufacturing	324	0.3	0.2	0.1	0.1	0.1
Chemical manufacturing	325	1.1	0.8	0.2	0.6	0.3
Plastics and rubber products manufacturing	326	1.2	0.9	0.3	0.6	0.3
Nonmetallic mineral product manufacturing	327	1.3	0.9	0.5	0.4	0.4
Primary metal manufacturing	331	1.2	0.8	0.2	0.5	0.4
Fabricated metal product manufacturing	332	4.1	2.5	1.4	1.1	1.6
Machinery manufacturing	333	1.4	0.7	0.3	0.5	0.6
Computer and electronic product manufacturing	334	1.1	0.6	0.2	0.4	0.5
Electrical equipment, appliance, and component manufacturing	335	0.4	0.2	0.1	0.1	0.2
Transportation equipment manufacturing	336	2.7	1.7	0.8	0.9	1.0
Furniture and related product manufacturing	337	1.0	0.6	0.3	0.3	0.4
Miscellaneous manufacturing	339	0.5	0.3	0.1	0.2	0.2
<b>Service-providing</b>		145.2	78.7	36.1	42.6	66.5
<b>Trade, transportation, and utilities<sup>7</sup></b>		63.3	41.9	17.8	24.1	21.4
<b>Wholesale trade</b>		12.1	8.6	3.0	5.6	3.5
Merchant wholesalers, durable goods	423	4.9	3.1	1.4	1.8	1.8
Merchant wholesalers, nondurable goods	424	5.9	4.9	1.4	3.5	1.0
Wholesale electronic markets and agents and brokers	425	1.4	0.6	0.2	0.4	0.8
<b>Retail trade</b>		32.4	20.0	7.2	12.8	12.4
Motor vehicle and parts dealers	441	4.8	2.7	1.4	1.2	2.1
Furniture and home furnishings stores	442	0.4	0.2	0.1	0.1	0.2

See footnotes at end of table.



**Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Electronics and appliance stores	443	0.4	0.2	0.2	--	0.2
Building material and garden equipment and supplies dealers	444	3.3	2.4	0.7	1.8	0.9
Food and beverage stores	445	7.0	5.4	1.4	4.0	1.6
Health and personal care stores	446	1.1	0.5	0.2	0.3	0.6
Clothing and clothing accessories stores	448	1.6	0.8	0.7	0.1	0.8
Sporting goods, hobby, book, and music stores	451	1.0	0.7	0.2	0.5	0.3
General merchandise stores	452	9.3	4.8	1.5	3.3	4.5
Miscellaneous store retailers	453	1.7	1.2	0.2	1.0	0.6
<b>Transportation and warehousing<sup>7</sup></b>		18.0	12.9	7.4	5.5	5.2
Air transportation	481	3.7	2.8	2.0	0.8	0.9
Rail transportation <sup>7</sup>	482	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Water transportation	483	0.1	0.1	--	( <sup>8</sup> )	--
Truck transportation	484	5.6	3.8	2.6	1.2	1.8
Transit and ground passenger transportation	485	0.4	0.3	0.3	0.1	0.1
Support activities for transportation	488	1.8	1.0	0.6	0.5	0.8
Couriers and messengers	492	3.1	2.6	1.1	1.5	0.5
Warehousing and storage	493	3.0	2.1	0.7	1.3	0.9
<b>Utilities</b>		0.8	0.5	0.2	0.2	0.4
Utilities	221	0.8	0.5	0.2	0.2	0.4
<b>Information</b>		2.3	1.5	1.2	0.3	0.8
<b>Information</b>		2.3	1.5	1.2	0.3	0.8
Publishing industries (except internet)	511	0.1	( <sup>8</sup> )	--	--	0.1
Telecommunications	517	1.6	1.2	1.0	0.2	0.4
<b>Finance, insurance, and real estate</b>		7.5	3.3	1.5	1.8	4.3

See footnotes at end of table.

**Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
<b>Finance and insurance</b>		3.0	1.0	0.8	0.2	2.0
Credit intermediation and related activities	522	1.6	0.6	0.5	0.1	1.0
Insurance carriers and related activities	524	0.7	0.3	0.2	0.1	0.4
<b>Real estate and rental and leasing</b>		4.6	2.2	0.7	1.5	2.3
Real estate	531	3.5	1.5	0.5	1.0	2.0
Rental and leasing services	532	1.1	0.8	0.2	0.5	0.3
<b>Professional and business services</b>		13.9	7.7	3.8	4.0	6.1
<b>Professional, scientific, and technical services</b>		5.1	2.8	1.7	1.0	2.3
Professional, scientific, and technical services	541	5.1	2.8	1.7	1.0	2.3
<b>Management of companies and enterprises</b>		1.1	0.7	0.1	0.5	0.4
<b>Administrative and support and waste management and remediation services</b>		7.7	4.3	1.9	2.4	3.4
Administrative and support services	561	6.7	3.8	1.7	2.1	2.9
Waste management and remediation services	562	1.0	0.5	0.2	0.3	0.5
<b>Educational and health services</b>		31.3	12.4	5.9	6.6	18.9
<b>Educational services</b>		1.5	0.5	0.2	0.2	1.0
<b>Health care and social assistance</b>		29.8	12.0	5.6	6.3	17.9
Ambulatory health care services	621	8.1	2.3	1.5	0.8	5.8
Hospitals	622	13.3	5.0	2.4	2.5	8.3
Nursing and residential care facilities	623	6.9	3.9	1.4	2.4	3.0

See footnotes at end of table.

**Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Social assistance	624	1.6	0.8	0.3	0.5	0.8
<b>Leisure, entertainment, and hospitality</b>		22.4	9.8	4.6	5.2	12.6
<b>Arts, entertainment, and recreation</b>		2.4	1.2	0.5	0.7	1.2
<b>Accommodation and food services</b>		20.0	8.6	4.1	4.5	11.4
Accommodation	721	3.0	1.6	0.7	0.9	1.4
Food services and drinking places	722	17.0	7.0	3.4	3.7	10.0
<b>Other services (except public administration)</b>		4.4	2.1	1.3	0.8	2.3
<b>Other services (except public administration)</b>		4.4	2.1	1.3	0.8	2.3
Repair and maintenance	811	2.6	1.4	1.1	0.3	1.2
Personal and laundry services	812	1.0	0.5	0.2	0.3	0.5
Religious, grantmaking, civic, professional, and similar organizations	813	0.8	0.2	0.1	0.1	0.6
<b>State and local government<sup>4</sup></b>		--	--	--	--	--
<b>State government<sup>4</sup></b>		--	--	--	--	--
<b>Service-providing</b>		--	--	--	--	--
<b>Public administration</b>		0.3	0.2	0.2	( <sup>8</sup> )	0.1
<b>Public administration</b>		0.3	0.2	0.2	( <sup>8</sup> )	0.1
<b>Local government<sup>4</sup></b>		37.3	19.4	12.8	6.6	17.9
<b>Service-providing</b>		37.3	19.4	12.8	6.6	17.9

See footnotes at end of table.

**Table 2. Numbers of nonfatal occupational injuries and illnesses by selected industries and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
<b>Educational and health services</b>		27.1	9.9	5.5	4.4	17.1
<b>Educational services</b>		24.4	9.3	5.1	4.2	15.1
Educational services	611	24.4	9.3	5.1	4.2	15.1
<b>Health care and social assistance</b>		2.6	0.6	0.4	0.2	2.0
Hospitals	622	1.8	0.4	0.3	0.1	1.4

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>6</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>8</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

**Table 3. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry sector and employment size, Texas, 2017**

Industry sector <sup>2</sup>	All establishments	Establishment employment size (workers)				
		1 to 10	11 to 49	50 to 249	250 to 999	1,000 or more
<b>All industries including state and local government<sup>3</sup></b>	2.3	1.0	1.7	2.8	2.6	3.1
<b>Private industry<sup>3</sup></b>	2.2	1.1	1.7	2.8	2.4	2.5
<b>Goods-producing<sup>3</sup></b>	2.0	--	2.0	2.6	1.8	1.5
<b>Natural resources and mining<sup>3,4</sup></b>	1.4	0.1	1.5	1.8	1.0	0.6
<b>Agriculture, forestry, fishing and hunting<sup>3</sup></b>	3.7	--	2.5	5.8	3.5	--
<b>Mining, quarrying, and oil and gas extraction<sup>4</sup></b>	0.9	0.2	1.2	1.0	0.9	0.6
<b>Construction</b>	1.7	--	2.0	1.9	1.3	0.7
<b>Manufacturing</b>	2.5	0.8	2.3	3.5	2.2	2.0
<b>Service-providing</b>	2.2	1.1	1.7	2.8	2.6	2.8
<b>Trade, transportation, and utilities<sup>5</sup></b>	3.0	1.4	2.1	3.5	4.3	4.1
<b>Wholesale trade</b>	2.1	--	1.5	2.5	3.9	0.5
<b>Retail trade</b>	3.2	1.4	2.1	3.9	4.8	3.3
<b>Transportation and warehousing<sup>5</sup></b>	4.0	--	3.3	4.2	3.9	5.7
<b>Utilities</b>	1.8	--	3.5	2.1	0.2	--
<b>Information</b>	1.3	--	2.0	1.8	0.3	0.2
<b>Finance, insurance, and real estate</b>	1.1	--	0.9	2.0	0.5	0.6
<b>Finance and insurance</b>	0.6	--	0.4	0.8	0.4	0.6
<b>Real estate and rental and leasing</b>	2.3	--	1.6	4.7	1.7	--
<b>Professional and business services</b>	1.1	--	1.3	1.3	1.1	0.6
<b>Professional, scientific, and technical services</b>	0.8	--	1.3	0.6	0.4	0.4
<b>Management of companies and enterprises</b>	0.8	--	--	1.6	0.6	0.5
<b>Administrative and support and waste management and remediation services</b>	1.6	--	1.4	2.1	2.0	1.2
<b>Educational and health services</b>	2.6	--	1.7	2.6	3.0	4.2
<b>Educational services</b>	1.3	--	--	1.0	2.4	2.0
<b>Health care and social assistance</b>	2.7	--	1.8	2.8	3.1	4.4
<b>Leisure, entertainment, and hospitality</b>	2.5	0.4	1.8	3.6	3.7	5.6
<b>Arts, entertainment, and recreation</b>	2.6	--	--	3.1	3.7	7.3
<b>Accommodation and food services</b>	2.5	0.5	1.8	3.6	3.7	5.1
<b>Other services (except public administration)</b>	1.7	--	1.3	3.1	2.0	--
<b>Other services (except public administration)</b>	1.7	--	1.3	3.1	2.0	--
<b>State and local government<sup>3</sup></b>	--	--	--	--	--	--
<b>State government<sup>3</sup></b>	--	--	--	--	--	--
<b>Local government<sup>3</sup></b>	3.4	--	--	3.6	--	--

**Table 3. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry sector and employment size, Texas, 2017**

Industry sector <sup>2</sup>	All establishments	Establishment employment size (workers)				
		1 to 10	11 to 49	50 to 249	250 to 999	1,000 or more

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as:  $(N/EH) \times 200,000$  where

N = number of injuries and illnesses □

EH = total hours worked by all employees during the calendar year □

200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year). □

<sup>2</sup> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries. □

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>6</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

**Table 4. Incidence rates<sup>1</sup> and numbers of nonfatal occupational injuries by selected industries, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates <sup>1</sup>	Numbers (in thousands)
<b>All industries including state and local government<sup>4</sup></b>		2.2	222.3
<b>Private industry<sup>4</sup></b>		2.1	175.9
<b>Goods-producing<sup>4</sup></b>		2.0	36.6
<b>Natural resources and mining<sup>4,5</sup></b>		1.3	3.6
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		3.4	1.4
Crop production <sup>4</sup>	111	2.8	0.3
Animal production and aquaculture <sup>4</sup>	112	3.8	0.6
Fishing, hunting and trapping	114	--	(8)
Support activities for agriculture and forestry	115	3.9	0.5
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		0.9	2.2
Oil and gas extraction	211	0.5	0.4
Mining (except oil and gas) <sup>6</sup>	212	1.3	0.2
Support activities for mining	213	1.1	1.6
<b>Construction</b>		1.7	12.0
<b>Construction</b>		1.7	12.0
Construction of buildings	236	0.7	1.2
Heavy and civil engineering construction	237	1.4	2.3
Specialty trade contractors	238	2.2	8.5
<b>Manufacturing</b>		2.4	20.9
<b>Manufacturing</b>		2.4	20.9
Food manufacturing	311	3.4	3.4

See footnotes at end of table.

**Table 4. Incidence rates<sup>1</sup> and numbers of nonfatal occupational injuries by selected industries, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates <sup>1</sup>	Numbers (in thousands)
Beverage and tobacco product manufacturing	312	3.0	0.5
Leather and allied product manufacturing	316	2.2	0.1
Wood product manufacturing	321	3.3	0.9
Printing and related support activities	323	1.2	0.3
Petroleum and coal products manufacturing	324	1.1	0.3
Chemical manufacturing	325	1.3	1.1
Plastics and rubber products manufacturing	326	2.8	1.2
Nonmetallic mineral product manufacturing	327	3.0	1.2
Primary metal manufacturing	331	5.3	1.1
Fabricated metal product manufacturing	332	3.0	3.8
Machinery manufacturing	333	1.5	1.3
Computer and electronic product manufacturing	334	1.2	1.1
Electrical equipment, appliance, and component manufacturing	335	1.9	0.4
Transportation equipment manufacturing	336	2.7	2.4
Furniture and related product manufacturing	337	4.0	1.0
Miscellaneous manufacturing	339	1.6	0.5
<b>Service-providing</b>		2.1	139.4
<b>Trade, transportation, and utilities<sup>7</sup></b>		2.9	61.1
<b>Wholesale trade</b>		2.1	11.9
Merchant wholesalers, durable goods	423	1.5	4.8
Merchant wholesalers, nondurable goods	424	3.1	5.8
Wholesale electronic markets and agents and brokers	425	1.9	1.3
<b>Retail trade</b>		3.1	31.2
Motor vehicle and parts dealers	441	2.6	4.7
Furniture and home furnishings stores	442	1.4	0.4
Electronics and appliance stores	443	1.2	0.4
Building material and garden equipment and supplies dealers	444	3.9	3.3
Food and beverage stores	445	4.1	6.9

See footnotes at end of table.



**Table 4. Incidence rates<sup>1</sup> and numbers of nonfatal occupational injuries by selected industries, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates <sup>1</sup>	Numbers (in thousands)
Health and personal care stores	446	1.5	0.9
Clothing and clothing accessories stores	448	1.7	1.2
Sporting goods, hobby, book, and music stores	451	3.1	1.0
General merchandise stores	452	4.2	8.9
Miscellaneous store retailers	453	3.8	1.7
<b>Transportation and warehousing<sup>7</sup></b>		3.8	17.1
Air transportation	481	6.4	3.3
Rail transportation <sup>7</sup>	482	0.9	0.2
Water transportation	483	1.9	0.1
Truck transportation	484	3.7	5.4
Transit and ground passenger transportation	485	2.7	0.4
Support activities for transportation	488	2.2	1.8
Couriers and messengers	492	8.0	3.0
Warehousing and storage	493	3.8	2.9
<b>Utilities</b>		1.6	0.8
Utilities	221	1.6	0.8
<b>Information</b>		1.2	2.2
<b>Information</b>		1.2	2.2
Publishing industries (except internet)	511	0.4	0.1
Telecommunications	517	1.9	1.5
<b>Finance, insurance, and real estate</b>		1.1	7.2
<b>Finance and insurance</b>		0.6	2.8
Credit intermediation and related activities	522	0.6	1.5
Insurance carriers and related activities	524	0.4	0.6

See footnotes at end of table.

**Table 4. Incidence rates<sup>1</sup> and numbers of nonfatal occupational injuries by selected industries, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates <sup>1</sup>	Numbers (in thousands)
<b>Real estate and rental and leasing</b>		2.3	4.4
Real estate	531	2.5	3.3
Rental and leasing services	532	1.7	1.1
<b>Professional and business services</b>		1.0	13.0
<b>Professional, scientific, and technical services</b>		0.7	4.9
Professional, scientific, and technical services	541	0.7	4.9
<b>Management of companies and enterprises</b>		0.6	0.9
<b>Administrative and support and waste management and remediation services</b>		1.5	7.2
Administrative and support services	561	1.4	6.3
Waste management and remediation services	562	3.1	1.0
<b>Educational and health services</b>		2.4	29.7
<b>Educational services</b>		1.2	1.5
<b>Health care and social assistance</b>		2.6	28.2
Ambulatory health care services	621	1.4	7.7
Hospitals	622	4.6	12.3
Nursing and residential care facilities	623	4.5	6.6
Social assistance	624	1.1	1.5
<b>Leisure, entertainment, and hospitality</b>		2.5	21.9

See footnotes at end of table.

**Table 4. Incidence rates<sup>1</sup> and numbers of nonfatal occupational injuries by selected industries, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates <sup>1</sup>	Numbers (in thousands)
<b>Arts, entertainment, and recreation</b>		2.5	2.3
<b>Accommodation and food services</b>		2.5	19.6
Accommodation	721	2.8	2.8
Food services and drinking places	722	2.4	16.8
<b>Other services (except public administration)</b>		1.7	4.4
<b>Other services (except public administration)</b>		1.7	4.4
Repair and maintenance	811	2.1	2.6
Personal and laundry services	812	1.1	1.0
Religious, grantmaking, civic, professional, and similar organizations	813	1.7	0.8
<b>State and local government<sup>4</sup></b>		--	--
<b>State government<sup>4</sup></b>		--	--
<b>Service-providing</b>		--	--
<b>Public administration</b>		0.3	0.3
<b>Public administration</b>		0.3	0.3
<b>Local government<sup>4</sup></b>		3.4	36.6
<b>Service-providing</b>		3.4	36.6
<b>Educational and health services</b>		3.6	26.4
<b>Educational services</b>		3.7	24.0
Educational services	611	3.7	24.0

See footnotes at end of table.

**Table 4. Incidence rates<sup>1</sup> and numbers of nonfatal occupational injuries by selected industries, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates <sup>1</sup>	Numbers (in thousands)
<b>Health care and social assistance</b>		3.1	2.4
Hospitals	622	3.0	1.6

<sup>1</sup> Incidence rates represent the number of injuries per 100 full-time workers and were calculated as:

$(N/EH) \times 200,000$  where

N = number of injuries

EH = total hours worked by all employees during the calendar year

200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* -- United States, 2012.

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>6</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>8</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

Table 5. Incidence rates<sup>1</sup> and numbers of nonfatal occupational illnesses by industry sector and category of illness, Texas, 2017

Industry sector <sup>2</sup>	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
	Incidence rates per 10,000 full-time workers <sup>1</sup>						Numbers of illnesses in thousands					
<b>All industries including state and local government<sup>3</sup></b>	8.3	1.4	1.0	0.4	0.9	4.7	8.2	1.3	1.0	0.4	0.9	4.6
<b>Private industry<sup>3</sup></b>	8.8	1.5	1.1	0.1	1.0	5.2	7.4	1.2	0.9	0.1	0.8	4.4
<b>Goods-producing<sup>3</sup></b>	8.9	1.0	0.3	--	2.5	5.0	1.7	0.2	0.1	--	0.5	0.9
<b>Natural resources and mining<sup>3,4</sup></b>	4.9	0.6	--	--	--	2.8	0.1	( <sup>6</sup> )	--	( <sup>6</sup> )	--	0.1
<b>Agriculture, forestry, fishing and hunting<sup>3</sup></b>	26.6	--	--	--	--	--	0.1	( <sup>6</sup> )	--	( <sup>6</sup> )	--	--
<b>Mining, quarrying, and oil and gas extraction<sup>4</sup></b>	1.0	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--
<b>Construction</b>	2.0	0.6	--	--	--	1.0	0.1	( <sup>6</sup> )	--	--	--	0.1
<b>Manufacturing</b>	15.8	1.5	0.3	--	5.0	9.0	1.4	0.1	( <sup>6</sup> )	--	0.4	0.8
<b>Service-providing</b>	8.8	1.6	1.3	0.2	0.5	5.2	5.8	1.0	0.8	0.1	0.3	3.5
<b>Trade, transportation, and utilities<sup>5</sup></b>	10.9	1.0	1.6	--	1.4	6.6	2.3	0.2	0.3	--	0.3	1.4
<b>Wholesale trade</b>	3.0	0.8	1.0	--	--	1.0	0.2	( <sup>6</sup> )	0.1	( <sup>6</sup> )	( <sup>6</sup> )	0.1
<b>Retail trade</b>	11.0	0.7	--	--	--	9.1	1.1	0.1	--	( <sup>6</sup> )	( <sup>6</sup> )	0.9
<b>Transportation and warehousing<sup>5</sup></b>	20.4	2.1	3.9	--	5.2	8.1	0.9	0.1	0.2	--	0.2	0.4
<b>Utilities</b>	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--	--
<b>Information</b>	4.9	--	--	--	--	3.2	0.1	--	--	( <sup>6</sup> )	( <sup>6</sup> )	0.1
<b>Finance, insurance, and real estate</b>	5.2	--	0.9	--	--	4.0	0.4	( <sup>6</sup> )	0.1	( <sup>6</sup> )	( <sup>6</sup> )	0.3
<b>Finance and insurance</b>	4.8	--	--	--	--	4.1	0.2	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )	0.2
<b>Real estate and rental and leasing</b>	6.2	--	2.0	--	--	--	0.1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	--
<b>Professional and business services</b>	6.8	2.5	--	0.1	--	1.9	0.9	0.3	--	( <sup>6</sup> )	--	0.2
<b>Professional, scientific, and technical services</b>	--	--	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Management of companies and enterprises</b>	--	--	--	--	--	--	--	--	--	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Administrative and support and waste management and remediation services</b>	10.0	3.1	0.9	0.3	--	5.0	0.5	0.1	( <sup>6</sup> )	( <sup>6</sup> )	--	0.2
<b>Educational and health services</b>	13.7	1.9	1.0	--	--	10.7	1.7	0.2	0.1	( <sup>6</sup> )	( <sup>6</sup> )	1.3
<b>Educational services</b>	3.6	--	--	--	--	2.4	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Health care and social assistance</b>	14.7	2.0	1.1	--	--	11.6	1.6	0.2	0.1	( <sup>6</sup> )	( <sup>6</sup> )	1.3
<b>Leisure, entertainment, and hospitality</b>	5.2	3.0	0.4	--	--	1.6	0.5	0.3	( <sup>6</sup> )	--	( <sup>6</sup> )	0.1
<b>Arts, entertainment, and recreation</b>	11.4	--	--	--	--	3.6	0.1	--	( <sup>6</sup> )	--	( <sup>6</sup> )	( <sup>6</sup> )
<b>Accommodation and food services</b>	4.5	2.7	0.3	--	--	1.3	0.4	0.2	( <sup>6</sup> )	--	( <sup>6</sup> )	0.1
<b>Other services (except public administration)</b>	2.7	--	--	--	--	2.4	0.1	( <sup>6</sup> )	( <sup>6</sup> )	--	( <sup>6</sup> )	0.1
<b>Other services (except public administration)</b>	2.7	--	--	--	--	2.4	0.1	( <sup>6</sup> )	( <sup>6</sup> )	--	( <sup>6</sup> )	0.1
<b>State and local government<sup>3</sup></b>	--	--	--	--	--	--	--	--	--	--	--	--
<b>State government<sup>3</sup></b>	--	--	--	--	--	--	--	--	--	--	--	--
<b>Local government<sup>3</sup></b>	7.0	1.0	0.6	2.1	--	2.2	0.8	0.1	0.1	0.2	--	0.2

**Table 5. Incidence rates<sup>1</sup> and numbers of nonfatal occupational illnesses by industry sector and category of illness, Texas, 2017**

Industry sector <sup>2</sup>	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses	Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
	Incidence rates per 10,000 full-time workers <sup>1</sup>						Numbers of illnesses in thousands					

<sup>1</sup> Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as:  $(N/EH) \times 20,000,000$  where:

N = number of illnesses

EH = total hours worked by all employees during the calendar year

20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for mining (Sector 21 in the *North American Industry Classification System Manual*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>6</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>5</sup></b>		2.3	1.3	0.6	0.7	1.0
<b>Private industry<sup>5</sup></b>		2.2	1.2	0.6	0.6	0.9
<b>Goods-producing<sup>5</sup></b>		2.0	1.3	0.7	0.6	0.7
<b>Natural resources and mining<sup>5,6</sup></b>		1.4	0.8	0.6	0.3	0.5
<b>Agriculture, forestry, fishing and hunting<sup>5</sup></b>		3.7	1.7	1.1	0.6	2.0
Crop production <sup>5</sup>	111	2.8	1.3	0.6	0.7	1.5
Greenhouse, nursery, and floriculture production <sup>5</sup>	1114	3.4	1.4	0.9	0.5	2.0
Animal production and aquaculture <sup>5</sup>	112	4.2	2.2	1.6	0.5	2.0
Fishing, hunting and trapping	114	--	--	--	--	--
Support activities for agriculture and forestry	115	4.2	1.4	0.8	0.6	2.8
Support activities for crop production	1151	4.2	1.4	0.7	0.7	2.8
Support activities for crop production	11511	4.2	1.4	0.7	0.7	2.8
Crop harvesting, primarily by machine	115113	--	--	--	--	--
Postharvest crop activities (except cotton ginning)	115114	8.1	2.0	--	1.7	6.1
Farm labor contractors and crew leaders	115115	2.6	2.3	2.3	--	--
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b>		0.9	0.7	0.5	0.2	0.3
Oil and gas extraction	211	0.6	0.4	0.3	0.2	0.1
Oil and gas extraction	2111	0.6	0.4	0.3	0.2	0.1
Oil and gas extraction	21111	0.6	0.4	0.3	0.2	0.1
Crude petroleum and natural gas extraction	211111	0.6	0.5	0.3	0.2	0.1
Mining (except oil and gas) <sup>7</sup>	212	1.3	1.0	0.5	0.5	0.4
Support activities for mining	213	1.1	0.8	0.6	0.2	0.3
Support activities for mining	2131	1.1	0.8	0.6	0.2	0.3
Support activities for mining	21311	1.1	0.8	0.6	0.2	0.3
Drilling oil and gas wells	213111	1.0	0.6	0.3	0.3	0.3

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Support activities for oil and gas operations	213112	1.1	0.8	0.6	0.2	0.3
<b>Construction</b>		1.7	1.0	0.6	0.4	0.7
<b>Construction</b>		1.7	1.0	0.6	0.4	0.7
Construction of buildings	236	0.7	0.4	0.3	0.1	0.3
Residential building construction	2361	0.6	0.3	0.2	--	0.3
Nonresidential building construction	2362	0.8	0.5	0.3	0.2	0.3
Heavy and civil engineering construction	237	1.4	0.7	0.4	0.3	0.7
Utility system construction	2371	1.4	0.6	0.4	0.1	0.9
Water and sewer line and related structures construction	23711	3.3	0.9	0.6	--	2.5
Oil and gas pipeline and related structures construction	23712	0.4	0.2	0.2	( <sup>5</sup> )	0.1
Power and communication line and related structures construction	23713	1.2	0.9	0.7	0.2	0.4
Highway, street, and bridge construction	2373	1.8	1.2	0.5	0.6	0.6
Other heavy and civil engineering construction	2379	1.0	0.7	--	--	--
Specialty trade contractors	238	2.2	1.4	0.9	0.6	0.8
Foundation, structure, and building exterior contractors	2381	2.9	1.8	1.1	0.8	1.1
Poured concrete foundation and structure contractors	23811	2.7	1.6	0.9	0.7	1.1
Masonry contractors	23814	3.7	2.0	0.6	1.5	1.7
Glass and glazing contractors	23815	1.8	1.7	1.5	0.2	--
Roofing contractors	23816	2.3	1.9	1.3	0.6	0.4
Other foundation, structure, and building exterior contractors	23819	7.5	2.2	--	1.5	5.3
Building equipment contractors	2382	2.5	1.6	1.1	0.6	0.9
Electrical contractors and other wiring installation contractors	23821	2.6	1.6	--	0.4	1.1
Plumbing, heating, and air-conditioning contractors	23822	2.6	1.8	1.1	0.7	0.8
Building finishing contractors	2383	1.7	1.0	0.3	0.7	0.7
Drywall and insulation contractors	23831	2.1	1.1	0.5	0.6	1.0
Other specialty trade contractors	2389	0.9	0.8	0.6	0.2	0.2
Site preparation contractors	23891	1.2	1.2	0.8	0.4	--
<b>Manufacturing</b>		2.5	1.7	0.7	1.0	0.9

See footnotes at end of table.



**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Manufacturing</b>		2.5	1.7	0.7	1.0	0.9
Food manufacturing	311	3.9	2.9	1.1	1.8	1.0
Animal food manufacturing	3111	5.3	3.1	2.9	--	--
Sugar and confectionery product manufacturing	3113	4.9	4.1	1.8	2.3	0.8
Fruit and vegetable preserving and specialty food manufacturing	3114	3.4	2.6	1.2	1.4	0.8
Dairy product manufacturing	3115	3.9	3.3	1.2	2.1	0.6
Animal slaughtering and processing	3116	4.5	3.5	1.1	2.4	1.0
Animal slaughtering and processing	31161	4.5	3.5	1.1	2.4	1.0
Animal (except poultry) slaughtering	311611	4.8	3.5	0.9	2.6	1.3
Meat processed from carcasses	311612	3.9	3.3	1.1	2.2	0.6
Rendering and meat byproduct processing	311613	8.4	8.0	2.3	5.7	--
Poultry processing	311615	4.2	3.3	1.2	2.1	0.8
Bakeries and tortilla manufacturing	3118	3.2	2.0	0.7	1.3	1.3
Bread and bakery product manufacturing	31181	3.2	1.8	0.6	1.2	1.4
Cookie, cracker, and pasta manufacturing	31182	5.4	3.7	--	3.1	1.8
Tortilla manufacturing	31183	2.0	1.6	1.1	0.5	--
Other food manufacturing	3119	2.7	2.1	0.7	1.3	0.6
Beverage and tobacco product manufacturing	312	3.2	2.2	0.6	1.7	0.9
Beverage manufacturing	3121	3.2	2.3	0.6	1.7	0.9
Soft drink and ice manufacturing	31211	4.1	3.0	0.7	2.3	1.1
Soft drink manufacturing	312111	4.6	3.4	0.7	2.8	1.2
Breweries	31212	0.9	--	--	--	0.6
Leather and allied product manufacturing	316	2.5	2.0	0.9	1.0	0.5
Leather and hide tanning and finishing	3161	4.6	--	--	--	--
Footwear manufacturing	3162	2.5	1.9	0.8	1.1	--
Wood product manufacturing	321	3.4	2.4	1.2	1.2	1.0
Other wood product manufacturing	3219	4.6	3.3	1.5	1.8	1.2
Millwork	32191	4.0	3.1	1.0	--	0.9
Wood container and pallet manufacturing	32192	5.2	3.3	1.0	2.3	1.9
All other wood product manufacturing	32199	4.7	3.6	2.3	1.2	1.1
Paper manufacturing	322	--	--	--	--	--
Converted paper product manufacturing	3222	--	--	--	--	--

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Paperboard container manufacturing	32221	2.5	1.5	--	1.2	1.0
Printing and related support activities	323	1.2	0.9	0.4	0.5	0.3
Printing and related support activities	3231	1.2	0.9	0.4	0.5	0.3
Printing	32311	1.2	1.0	0.5	0.5	0.3
Petroleum and coal products manufacturing	324	1.1	0.6	0.5	0.2	0.4
Petroleum and coal products manufacturing	3241	1.1	0.6	0.5	0.2	0.4
Petroleum refineries	32411	0.6	0.3	0.2	0.1	0.3
Chemical manufacturing	325	1.4	1.0	0.3	0.7	0.4
Basic chemical manufacturing	3251	0.5	0.3	0.2	0.1	0.2
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	1.8	1.1	--	--	0.7
Pesticide, fertilizer, and other agricultural chemical manufacturing	3253	2.3	1.1	--	--	1.3
Other chemical product and preparation manufacturing	3259	1.3	1.1	--	--	0.2
Plastics and rubber products manufacturing	326	2.9	2.2	0.8	1.5	0.6
Plastics product manufacturing	3261	3.0	2.4	0.8	1.5	0.7
Nonmetallic mineral product manufacturing	327	3.1	2.2	1.2	1.0	0.9
Clay product and refractory manufacturing	3271	1.9	0.9	0.3	0.6	0.9
Glass and glass product manufacturing	3272	1.3	0.8	--	0.6	0.6
Cement and concrete product manufacturing	3273	4.3	3.1	1.7	1.4	1.1
Lime and gypsum product manufacturing	3274	--	--	--	--	--
Other nonmetallic mineral product manufacturing	3279	1.1	0.9	--	0.3	0.2
Primary metal manufacturing	331	5.6	3.8	1.1	2.6	1.8
Iron and steel mills and ferroalloy manufacturing	3311	4.6	2.4	0.9	1.5	2.3
Alumina and aluminum production and processing	3313	4.7	4.6	3.1	1.4	--
Nonferrous metal (except aluminum) production and processing	3314	5.6	4.4	1.5	3.0	1.2
Foundries	3315	4.1	3.0	0.5	2.5	1.1
Fabricated metal product manufacturing	332	3.2	2.0	1.1	0.9	1.3
Forging and stamping	3321	6.4	5.0	3.3	1.7	1.4
Architectural and structural metals manufacturing	3323	3.9	2.4	1.0	1.3	1.6
Boiler, tank, and shipping container manufacturing	3324	3.5	2.2	1.4	--	1.2
Spring and wire product manufacturing	3326	2.6	1.2	--	0.8	1.3
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	2.7	1.5	1.1	0.5	1.1
Coating, engraving, heat treating, and allied activities	3328	1.2	0.9	0.6	0.2	0.3

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Other fabricated metal product manufacturing	3329	3.0	1.7	1.2	0.5	--
Machinery manufacturing	333	1.6	0.9	0.3	0.5	0.7
Agriculture, construction, and mining machinery manufacturing	3331	1.1	0.7	0.3	0.4	0.4
Agricultural implement manufacturing	33311	4.1	3.1	1.2	1.9	1.0
Mining and oil and gas field machinery manufacturing	33313	0.7	0.4	0.1	0.3	0.3
Industrial machinery manufacturing	3332	0.9	0.6	0.3	0.3	--
Engine, turbine, and power transmission equipment manufacturing	3336	2.2	1.2	0.6	0.6	1.1
Other general purpose machinery manufacturing	3339	1.3	0.5	--	0.4	0.8
Computer and electronic product manufacturing	334	1.3	0.6	0.2	0.4	0.6
Semiconductor and other electronic component manufacturing	3344	0.8	0.5	0.2	0.4	0.3
Navigational, measuring, electromedical, and control instruments manufacturing	3345	2.9	1.3	0.3	1.0	1.6
Electrical equipment, appliance, and component manufacturing	335	2.0	1.0	0.3	0.7	1.0
Household appliance manufacturing	3352	4.3	1.8	1.7	--	2.6
Electrical equipment manufacturing	3353	1.9	0.9	--	0.7	--
Other electrical equipment and component manufacturing	3359	1.2	0.4	--	--	0.8
Transportation equipment manufacturing	336	3.0	1.9	0.9	1.0	1.1
Motor vehicle body and trailer manufacturing	3362	4.4	2.4	0.8	1.6	2.0
Motor vehicle parts manufacturing	3363	3.3	2.2	1.0	1.2	1.1
Aerospace product and parts manufacturing	3364	1.4	0.7	0.3	0.4	0.7
Furniture and related product manufacturing	337	4.1	2.5	1.2	1.3	1.6
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.3	1.9	0.7	1.2	1.3
Office furniture (including fixtures) manufacturing	3372	6.5	3.2	1.6	1.6	3.3
Miscellaneous manufacturing	339	1.7	1.0	0.4	0.6	0.7
Medical equipment and supplies manufacturing	3391	1.6	1.1	0.4	0.7	0.5
Other miscellaneous manufacturing	3399	1.8	0.9	0.4	0.5	0.9
<b>Service-providing</b>		2.2	1.2	0.5	0.6	1.0
<b>Trade, transportation, and utilities<sup>8</sup></b>		3.0	2.0	0.9	1.1	1.0
<b>Wholesale trade</b>		2.1	1.5	0.5	1.0	0.6

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Merchant wholesalers, durable goods	423	1.5	1.0	0.4	0.5	0.5
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	3.2	2.3	1.1	1.2	0.8
Furniture and home furnishing merchant wholesalers	4232	0.6	0.3	--	--	0.3
Lumber and other construction materials merchant wholesalers	4233	2.9	1.6	--	0.4	--
Professional and commercial equipment and supplies merchant wholesalers	4234	0.3	0.1	0.1	--	0.1
Metal and mineral (except petroleum) merchant wholesalers	4235	1.9	1.4	0.6	0.8	--
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	1.3	0.7	--	--	0.6
Machinery, equipment, and supplies merchant wholesalers	4238	1.3	0.5	0.3	0.2	0.8
Miscellaneous durable goods merchant wholesalers	4239	2.0	1.8	0.6	1.2	0.2
Merchant wholesalers, nondurable goods	424	3.2	2.7	0.8	1.9	0.5
Grocery and related product merchant wholesalers	4244	4.9	4.4	1.3	3.1	0.5
Petroleum and petroleum products merchant wholesalers	4247	1.2	0.6	0.3	0.3	0.6
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	6.6	5.4	1.3	4.1	1.2
Wholesale electronic markets and agents and brokers	425	1.9	0.8	0.3	0.6	1.1
<b>Retail trade</b>		<b>3.2</b>	<b>2.0</b>	<b>0.7</b>	<b>1.2</b>	<b>1.2</b>
Motor vehicle and parts dealers	441	2.6	1.4	0.8	0.7	1.2
Automobile dealers	4411	2.3	1.2	0.6	0.5	1.2
Other motor vehicle dealers	4412	1.5	0.9	--	--	0.6
Automotive parts, accessories, and tire stores	4413	3.4	2.2	1.1	1.2	1.2
Furniture and home furnishings stores	442	1.4	0.8	0.3	0.5	0.6
Electronics and appliance stores	443	1.2	0.6	0.5	--	0.6
Building material and garden equipment and supplies dealers	444	3.9	2.9	0.8	2.1	1.0
Food and beverage stores	445	4.1	3.2	0.8	2.3	0.9
Grocery stores	4451	4.6	3.5	0.9	2.6	1.0
Supermarkets and other grocery (except convenience) stores	44511	4.9	3.8	1.0	2.8	1.1
Beer, wine, and liquor stores	4453	1.2	1.0	0.3	0.6	0.3
Health and personal care stores	446	1.8	0.8	0.3	0.5	1.0
Clothing and clothing accessories stores	448	2.1	1.1	0.9	0.2	1.1
Sporting goods, hobby, book, and music stores	451	3.1	2.1	0.6	1.5	1.0

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
General merchandise stores	452	4.4	2.3	0.7	1.6	2.1
Department stores	4521	3.4	1.7	0.6	1.1	1.7
Other general merchandise stores	4529	4.9	2.6	0.8	1.8	2.3
Miscellaneous store retailers	453	3.8	2.6	0.5	2.1	1.3
<b>Transportation and warehousing<sup>8</sup></b>		4.0	2.9	1.7	1.2	1.2
Air transportation	481	7.2	5.4	3.9	1.5	1.8
Rail transportation <sup>8</sup>	482	1.0	0.6	0.5	--	0.4
Water transportation	483	1.9	1.5	--	0.7	--
Truck transportation	484	3.8	2.6	1.7	0.8	1.2
General freight trucking	4841	3.0	2.1	1.4	0.7	0.9
General freight trucking, local	48411	3.2	2.2	1.5	0.7	1.0
General freight trucking, long-distance	48412	2.9	2.0	1.3	0.7	0.9
Specialized freight trucking	4842	5.4	3.6	2.5	1.1	1.9
Specialized freight (except used goods) trucking, local	48422	3.6	3.0	2.9	--	0.7
Specialized freight (except used goods) trucking, long-distance	48423	4.9	4.1	2.9	1.3	0.7
Transit and ground passenger transportation	485	3.0	2.4	1.9	0.5	0.5
Support activities for transportation	488	2.3	1.3	0.7	0.6	1.0
Support activities for air transportation	4881	3.1	2.0	0.8	1.1	1.1
Support activities for water transportation	4883	4.1	2.7	2.1	--	1.3
Support activities for road transportation	4884	0.9	0.4	--	--	--
Freight transportation arrangement	4885	1.4	0.4	0.2	0.2	--
Couriers and messengers	492	8.4	7.0	2.9	4.0	1.4
Warehousing and storage	493	3.9	2.7	1.0	1.8	1.2
Warehousing and storage	4931	3.9	2.7	1.0	1.8	1.2
Refrigerated warehousing and storage	49312	7.2	3.6	1.7	1.9	3.6
<b>Utilities</b>		1.8	0.9	0.5	0.5	0.8
Utilities	221	1.8	0.9	0.5	0.5	0.8
Electric power generation, transmission and distribution	2211	2.0	0.9	0.5	0.4	1.1

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Information</b>		1.3	0.8	0.7	0.1	0.5
<b>Information</b>		1.3	0.8	0.7	0.1	0.5
Publishing industries (except internet)	511	0.4	0.1	--	--	0.4
Telecommunications	517	2.1	1.5	1.3	0.2	0.6
<b>Finance, insurance, and real estate</b>		1.1	0.5	0.2	0.3	0.6
<b>Finance and insurance</b>		0.6	0.2	0.2	( <sup>9</sup> )	0.4
Credit intermediation and related activities	522	0.7	0.3	0.2	( <sup>9</sup> )	0.4
Insurance carriers and related activities	524	0.4	0.2	0.1	0.1	0.2
<b>Real estate and rental and leasing</b>		2.3	1.1	0.4	0.8	1.2
Real estate	531	2.6	1.1	0.4	0.7	1.5
Rental and leasing services	532	1.7	1.2	0.4	0.9	0.5
Commercial and industrial machinery and equipment rental and leasing	5324	0.8	0.5	--	--	--
<b>Professional and business services</b>		1.1	0.6	0.3	0.3	0.5
<b>Professional, scientific, and technical services</b>		0.8	0.4	0.3	0.2	0.3
Professional, scientific, and technical services	541	0.8	0.4	0.3	0.2	0.3
Management, scientific, and technical consulting services	5416	0.3	( <sup>9</sup> )	( <sup>9</sup> )	--	0.2
Other professional, scientific, and technical services	5419	5.6	3.1	--	--	2.5
<b>Management of companies and enterprises</b>		0.8	0.5	0.1	0.4	0.3
<b>Administrative and support and waste management and remediation services</b>		1.6	0.9	0.4	0.5	0.7

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case type, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Administrative and support services	561	1.5	0.9	0.4	0.5	0.7
Office administrative services	5611	1.4	0.1	( <sup>9</sup> )	--	1.3
Facilities support services	5612	5.4	3.3	1.1	2.2	2.1
Business support services	5614	0.9	0.6	0.2	0.4	0.3
Travel arrangement and reservation services	5615	0.4	--	--	--	0.4
Investigation and security services	5616	1.7	1.3	0.8	0.5	0.4
Services to buildings and dwellings	5617	2.0	1.3	0.5	0.8	0.6
Exterminating and pest control services	56171	2.0	1.4	1.2	0.2	0.6
Janitorial services	56172	2.4	1.6	0.4	1.2	0.8
Landscaping services	56173	1.8	1.3	0.7	0.6	0.5
Other support services	5619	1.8	1.0	--	--	0.8
Waste management and remediation services	562	3.2	1.6	0.7	0.9	1.7
Waste collection	5621	5.4	3.6	1.4	2.1	1.9
Waste collection	56211	5.4	3.6	1.4	2.1	1.9
Solid waste collection	562111	6.1	4.1	1.7	2.4	1.9
<b>Educational and health services</b>		2.6	1.0	0.5	0.5	1.6
<b>Educational services</b>		1.3	0.4	0.2	0.2	0.9
<b>Health care and social assistance</b>		2.7	1.1	0.5	0.6	1.6
Ambulatory health care services	621	1.5	0.4	0.3	0.2	1.1
Outpatient care centers	6214	1.3	0.3	0.2	0.1	1.0
Other outpatient care centers	62149	1.5	0.3	0.2	0.2	1.2
Home health care services	6216	0.9	0.4	0.3	0.1	0.5
Hospitals	622	4.9	1.8	0.9	0.9	3.1
Nursing and residential care facilities	623	4.6	2.6	1.0	1.6	2.0
Nursing care facilities (skilled nursing facilities)	6231	4.7	2.7	1.0	1.7	2.0
Residential intellectual and developmental disability, mental health, and substance abuse facilities	6232	3.4	1.6	0.9	0.7	1.8
Continuing care retirement communities and assisted living facilities for the elderly	6233	5.5	3.2	1.0	2.2	2.3
Social assistance	624	1.1	0.6	0.2	0.4	0.5

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
Individual and family services	6241	0.7	0.4	0.2	0.2	0.3
Community food and housing, and emergency and other relief services	6242	3.8	2.2	--	1.9	1.7
Vocational rehabilitation services	6243	3.2	2.1	0.7	1.5	1.0
<b>Leisure, entertainment, and hospitality</b>		2.5	1.1	0.5	0.6	1.4
<b>Arts, entertainment, and recreation</b>		2.6	1.3	0.6	0.7	1.4
<b>Accommodation and food services</b>		2.5	1.1	0.5	0.6	1.4
Accommodation	721	2.9	1.6	0.7	0.9	1.3
Traveler accommodation	7211	3.0	1.6	0.7	0.9	1.4
Hotels (except casino hotels) and motels	72111	3.1	1.6	0.7	0.9	1.4
Food services and drinking places	722	2.4	1.0	0.5	0.5	1.4
<b>Other services (except public administration)</b>		1.7	0.8	0.5	0.3	0.9
<b>Other services (except public administration)</b>		1.7	0.8	0.5	0.3	0.9
Repair and maintenance	811	2.1	1.1	0.9	0.3	1.0
Automotive repair and maintenance	8111	0.9	0.5	0.3	0.2	0.4
Commercial and industrial machinery and equipment (ex auto and electronic) repair and maintenance	8113	2.9	2.1	1.7	0.4	--
Personal and household goods repair and maintenance	8114	4.3	1.1	--	1.1	3.2
Personal and laundry services	812	1.1	0.5	0.2	0.3	0.6
Drycleaning and laundry services	8123	1.8	1.4	0.6	0.9	0.3
Religious, grantmaking, civic, professional, and similar organizations	813	1.7	0.4	0.1	0.3	1.3
Civic and social organizations	8134	1.2	0.2	--	0.2	1.0
<b>State and local government<sup>5</sup></b>		--	--	--	--	--
<b>State government<sup>5</sup></b>		--	--	--	--	--
<b>Service-providing</b>		--	--	--	--	--

See footnotes at end of table.



**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	
<b>Public administration</b>		0.3	0.2	0.2	--	0.1
<b>Public administration</b>		0.3	0.2	0.2	--	0.1
<b>Local government<sup>5</sup></b>		3.4	1.8	1.2	0.6	1.6
<b>Service-providing</b>		3.4	1.8	1.2	0.6	1.6
<b>Educational and health services</b>		3.7	1.4	0.8	0.6	2.3
<b>Educational services</b>		3.7	1.4	0.8	0.6	2.3
Educational services	611	3.7	1.4	0.8	0.6	2.3
Elementary and secondary schools	6111	3.7	1.4	0.8	0.6	2.3
<b>Health care and social assistance</b>		3.4	0.8	0.5	0.2	2.6
Hospitals	622	3.3	0.8	0.5	0.2	2.6

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>4</sup>	Cases with job transfer or restriction	

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as:  $(N/EH) \times 200,000$  where

N = number of injuries and illnesses

EH = total hours worked by all employees during the calendar year

200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* -- United States, 2012.

<sup>4</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>5</sup> Excludes farms with fewer than 11 employees.

<sup>6</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>8</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>9</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
<b>All industries including state and local government<sup>4</sup></b>		230.5	128.0	62.9	65.1	102.5
<b>Private industry<sup>4</sup></b>		183.4	103.1	48.5	54.7	80.3
<b>Goods-producing<sup>4</sup></b>		38.2	24.4	12.4	12.1	13.8
<b>Natural resources and mining<sup>4,5</sup></b>		3.8	2.3	1.6	0.7	1.4
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		1.5	0.7	0.5	0.2	0.8
Crop production <sup>4</sup>	111	0.3	0.2	0.1	0.1	0.2
Greenhouse, nursery, and floriculture production <sup>4</sup>	1114	0.3	0.1	0.1	( <sup>8</sup> )	0.1
Animal production and aquaculture <sup>4</sup>	112	0.7	0.3	0.3	0.1	0.3
Fishing, hunting and trapping	114	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Support activities for agriculture and forestry	115	0.5	0.2	0.1	0.1	0.3
Support activities for crop production	1151	0.4	0.1	0.1	0.1	0.3
Support activities for crop production	11511	0.4	0.1	0.1	0.1	0.3
Crop harvesting, primarily by machine	115113	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Postharvest crop activities (except cotton ginning)	115114	0.3	0.1	--	0.1	0.2
Farm labor contractors and crew leaders	115115	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	--
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		2.2	1.6	1.1	0.5	0.6
Oil and gas extraction	211	0.4	0.3	0.2	0.1	0.1
Oil and gas extraction	2111	0.4	0.3	0.2	0.1	0.1
Oil and gas extraction	21111	0.4	0.3	0.2	0.1	0.1
Crude petroleum and natural gas extraction	211111	0.4	0.3	0.2	0.1	0.1
Mining (except oil and gas) <sup>6</sup>	212	0.2	0.1	0.1	0.1	0.1
Support activities for mining	213	1.6	1.1	0.8	0.3	0.5
Support activities for mining	2131	1.6	1.1	0.8	0.3	0.5
Support activities for mining	21311	1.6	1.1	0.8	0.3	0.5
Drilling oil and gas wells	213111	0.2	0.2	0.1	0.1	0.1

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Support activities for oil and gas operations	213112	1.4	1.0	0.8	0.2	0.4
<b>Construction</b>		12.2	7.4	4.6	2.8	4.8
<b>Construction</b>		12.2	7.4	4.6	2.8	4.8
Construction of buildings	236	1.2	0.7	0.4	0.2	0.5
Residential building construction	2361	0.3	0.2	0.1	--	0.2
Nonresidential building construction	2362	0.9	0.5	0.3	0.2	0.4
Heavy and civil engineering construction	237	2.4	1.2	0.7	0.4	1.2
Utility system construction	2371	1.4	0.5	0.4	0.1	0.9
Water and sewer line and related structures construction	23711	0.9	0.2	0.2	--	0.7
Oil and gas pipeline and related structures construction	23712	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Power and communication line and related structures construction	23713	0.3	0.2	0.2	( <sup>8</sup> )	0.1
Highway, street, and bridge construction	2373	0.7	0.5	0.2	0.3	0.3
Other heavy and civil engineering construction	2379	0.2	0.1	--	--	--
Specialty trade contractors	238	8.6	5.6	3.4	2.2	3.0
Foundation, structure, and building exterior contractors	2381	2.5	1.5	0.9	0.6	0.9
Poured concrete foundation and structure contractors	23811	0.7	0.4	0.3	0.2	0.3
Masonry contractors	23814	0.5	0.3	0.1	0.2	0.2
Glass and glazing contractors	23815	0.1	0.1	0.1	( <sup>8</sup> )	--
Roofing contractors	23816	0.3	0.3	0.2	0.1	0.1
Other foundation, structure, and building exterior contractors	23819	0.5	0.1	--	0.1	0.3
Building equipment contractors	2382	4.5	2.9	1.9	1.0	1.6
Electrical contractors and other wiring installation contractors	23821	2.1	1.3	--	0.3	0.9
Plumbing, heating, and air-conditioning contractors	23822	2.3	1.6	0.9	0.6	0.7
Building finishing contractors	2383	1.0	0.6	0.2	0.4	0.4
Drywall and insulation contractors	23831	0.5	0.2	0.1	0.1	0.2
Other specialty trade contractors	2389	0.6	0.5	0.4	0.1	0.1
Site preparation contractors	23891	0.4	0.4	0.3	0.1	--
<b>Manufacturing</b>		22.3	14.7	6.2	8.5	7.6

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
<b>Manufacturing</b>		22.3	14.7	6.2	8.5	7.6
Food manufacturing	311	3.9	3.0	1.1	1.9	1.0
Animal food manufacturing	3111	0.2	0.1	0.1	--	--
Sugar and confectionery product manufacturing	3113	0.2	0.2	0.1	0.1	( <sup>8</sup> )
Fruit and vegetable preserving and specialty food manufacturing	3114	0.3	0.2	0.1	0.1	0.1
Dairy product manufacturing	3115	0.3	0.2	0.1	0.1	( <sup>8</sup> )
Animal slaughtering and processing	3116	1.9	1.5	0.5	1.0	0.4
Animal slaughtering and processing	31161	1.9	1.5	0.5	1.0	0.4
Animal (except poultry) slaughtering	311611	0.9	0.6	0.2	0.5	0.2
Meat processed from carcasses	311612	0.3	0.3	0.1	0.2	( <sup>8</sup> )
Rendering and meat byproduct processing	311613	0.1	0.1	( <sup>8</sup> )	0.1	( <sup>8</sup> )
Poultry processing	311615	0.6	0.5	0.2	0.3	0.1
Bakeries and tortilla manufacturing	3118	0.6	0.4	0.1	0.3	0.2
Bread and bakery product manufacturing	31181	0.5	0.3	0.1	0.2	0.2
Cookie, cracker, and pasta manufacturing	31182	0.1	0.1	( <sup>8</sup> )	0.1	( <sup>8</sup> )
Tortilla manufacturing	31183	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Other food manufacturing	3119	0.3	0.2	0.1	0.1	0.1
Beverage and tobacco product manufacturing	312	0.5	0.3	0.1	0.3	0.1
Beverage manufacturing	3121	0.5	0.3	0.1	0.3	0.1
Soft drink and ice manufacturing	31211	0.5	0.3	0.1	0.3	0.1
Soft drink manufacturing	312111	0.4	0.3	0.1	0.2	0.1
Breweries	31212	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Leather and allied product manufacturing	316	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Leather and hide tanning and finishing	3161	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Footwear manufacturing	3162	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Wood product manufacturing	321	0.9	0.6	0.3	0.3	0.3
Other wood product manufacturing	3219	0.8	0.6	0.2	0.3	0.2
Millwork	32191	0.3	0.2	0.1	--	0.1
Wood container and pallet manufacturing	32192	0.2	0.1	( <sup>8</sup> )	0.1	0.1
All other wood product manufacturing	32199	0.3	0.2	0.1	0.1	0.1
Paper manufacturing	322	--	--	--	--	--
Converted paper product manufacturing	3222	--	--	--	--	--

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Paperboard container manufacturing	32221	0.2	0.1	--	0.1	0.1
Printing and related support activities	323	0.3	0.2	0.1	0.1	0.1
Printing and related support activities	3231	0.3	0.2	0.1	0.1	0.1
Printing	32311	0.3	0.2	0.1	0.1	0.1
Petroleum and coal products manufacturing	324	0.3	0.2	0.1	0.1	0.1
Petroleum and coal products manufacturing	3241	0.3	0.2	0.1	0.1	0.1
Petroleum refineries	32411	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Chemical manufacturing	325	1.1	0.8	0.2	0.6	0.3
Basic chemical manufacturing	3251	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	0.2	0.1	--	--	0.1
Pesticide, fertilizer, and other agricultural chemical manufacturing	3253	0.1	( <sup>8</sup> )	--	( <sup>8</sup> )	( <sup>8</sup> )
Other chemical product and preparation manufacturing	3259	0.1	0.1	--	--	( <sup>8</sup> )
Plastics and rubber products manufacturing	326	1.2	0.9	0.3	0.6	0.3
Plastics product manufacturing	3261	1.1	0.9	0.3	0.6	0.3
Nonmetallic mineral product manufacturing	327	1.3	0.9	0.5	0.4	0.4
Clay product and refractory manufacturing	3271	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Glass and glass product manufacturing	3272	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Cement and concrete product manufacturing	3273	1.0	0.8	0.4	0.3	0.3
Lime and gypsum product manufacturing	3274	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Other nonmetallic mineral product manufacturing	3279	0.1	0.1	--	( <sup>8</sup> )	( <sup>8</sup> )
Primary metal manufacturing	331	1.2	0.8	0.2	0.5	0.4
Iron and steel mills and ferroalloy manufacturing	3311	0.2	0.1	( <sup>8</sup> )	0.1	0.1
Alumina and aluminum production and processing	3313	0.1	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )
Nonferrous metal (except aluminum) production and processing	3314	0.2	0.2	0.1	0.1	0.1
Foundries	3315	0.2	0.1	( <sup>8</sup> )	0.1	( <sup>8</sup> )
Fabricated metal product manufacturing	332	4.1	2.5	1.4	1.1	1.6
Forging and stamping	3321	0.3	0.2	0.1	0.1	0.1
Architectural and structural metals manufacturing	3323	1.8	1.1	0.5	0.6	0.7
Boiler, tank, and shipping container manufacturing	3324	0.4	0.2	0.2	--	0.1
Spring and wire product manufacturing	3326	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	0.6	0.3	0.2	0.1	0.2
Coating, engraving, heat treating, and allied activities	3328	0.1	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Other fabricated metal product manufacturing	3329	0.8	0.4	0.3	0.1	--
Machinery manufacturing	333	1.4	0.7	0.3	0.5	0.6
Agriculture, construction, and mining machinery manufacturing	3331	0.5	0.3	0.1	0.2	0.2
Agricultural implement manufacturing	33311	0.1	0.1	( <sup>8</sup> )	0.1	( <sup>8</sup> )
Mining and oil and gas field machinery manufacturing	33313	0.3	0.2	( <sup>8</sup> )	0.1	0.1
Industrial machinery manufacturing	3332	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	--
Engine, turbine, and power transmission equipment manufacturing	3336	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Other general purpose machinery manufacturing	3339	0.2	0.1	--	0.1	0.1
Computer and electronic product manufacturing	334	1.1	0.6	0.2	0.4	0.5
Semiconductor and other electronic component manufacturing	3344	0.3	0.2	0.1	0.1	0.1
Navigational, measuring, electromedical, and control instruments manufacturing	3345	0.6	0.3	0.1	0.2	0.3
Electrical equipment, appliance, and component manufacturing	335	0.4	0.2	0.1	0.1	0.2
Household appliance manufacturing	3352	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Electrical equipment manufacturing	3353	0.2	0.1	--	0.1	--
Other electrical equipment and component manufacturing	3359	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Transportation equipment manufacturing	336	2.7	1.7	0.8	0.9	1.0
Motor vehicle body and trailer manufacturing	3362	0.4	0.2	0.1	0.1	0.2
Motor vehicle parts manufacturing	3363	0.7	0.5	0.2	0.3	0.2
Aerospace product and parts manufacturing	3364	0.6	0.3	0.1	0.2	0.3
Furniture and related product manufacturing	337	1.0	0.6	0.3	0.3	0.4
Household and institutional furniture and kitchen cabinet manufacturing	3371	0.5	0.3	0.1	0.2	0.2
Office furniture (including fixtures) manufacturing	3372	0.3	0.2	0.1	0.1	0.2
Miscellaneous manufacturing	339	0.5	0.3	0.1	0.2	0.2
Medical equipment and supplies manufacturing	3391	0.2	0.1	0.1	0.1	0.1
Other miscellaneous manufacturing	3399	0.3	0.1	0.1	0.1	0.1
<b>Service-providing</b>		145.2	78.7	36.1	42.6	66.5
<b>Trade, transportation, and utilities<sup>7</sup></b>		63.3	41.9	17.8	24.1	21.4
<b>Wholesale trade</b>		12.1	8.6	3.0	5.6	3.5

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Merchant wholesalers, durable goods	423	4.9	3.1	1.4	1.8	1.8
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	0.8	0.6	0.3	0.3	0.2
Furniture and home furnishing merchant wholesalers	4232	0.1	( <sup>8</sup> )	( <sup>8</sup> )	--	( <sup>8</sup> )
Lumber and other construction materials merchant wholesalers	4233	0.7	0.4	--	0.1	--
Professional and commercial equipment and supplies merchant wholesalers	4234	0.2	0.1	0.1	--	0.1
Metal and mineral (except petroleum) merchant wholesalers	4235	0.3	0.2	0.1	0.1	--
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	0.3	0.2	--	--	0.2
Machinery, equipment, and supplies merchant wholesalers	4238	1.1	0.4	0.3	0.2	0.7
Miscellaneous durable goods merchant wholesalers	4239	0.5	0.4	0.1	0.3	( <sup>8</sup> )
Merchant wholesalers, nondurable goods	424	5.9	4.9	1.4	3.5	1.0
Grocery and related product merchant wholesalers	4244	3.3	2.9	0.8	2.1	0.4
Petroleum and petroleum products merchant wholesalers	4247	0.2	0.1	0.1	0.1	0.1
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	1.3	1.0	0.2	0.8	0.2
Wholesale electronic markets and agents and brokers	425	1.4	0.6	0.2	0.4	0.8
<b>Retail trade</b>		<b>32.4</b>	<b>20.0</b>	<b>7.2</b>	<b>12.8</b>	<b>12.4</b>
Motor vehicle and parts dealers	441	4.8	2.7	1.4	1.2	2.1
Automobile dealers	4411	2.9	1.4	0.8	0.6	1.5
Other motor vehicle dealers	4412	0.2	0.1	--	--	0.1
Automotive parts, accessories, and tire stores	4413	1.8	1.1	0.6	0.6	0.6
Furniture and home furnishings stores	442	0.4	0.2	0.1	0.1	0.2
Electronics and appliance stores	443	0.4	0.2	0.2	--	0.2
Building material and garden equipment and supplies dealers	444	3.3	2.4	0.7	1.8	0.9
Food and beverage stores	445	7.0	5.4	1.4	4.0	1.6
Grocery stores	4451	6.9	5.3	1.4	3.9	1.5
Supermarkets and other grocery (except convenience) stores	44511	6.8	5.3	1.4	3.9	1.5
Beer, wine, and liquor stores	4453	0.1	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Health and personal care stores	446	1.1	0.5	0.2	0.3	0.6
Clothing and clothing accessories stores	448	1.6	0.8	0.7	0.1	0.8
Sporting goods, hobby, book, and music stores	451	1.0	0.7	0.2	0.5	0.3

See footnotes at end of table.



**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
General merchandise stores	452	9.3	4.8	1.5	3.3	4.5
Department stores	4521	2.5	1.2	0.4	0.8	1.2
Other general merchandise stores	4529	6.8	3.6	1.1	2.5	3.2
Miscellaneous store retailers	453	1.7	1.2	0.2	1.0	0.6
<b>Transportation and warehousing<sup>7</sup></b>		18.0	12.9	7.4	5.5	5.2
Air transportation	481	3.7	2.8	2.0	0.8	0.9
Rail transportation <sup>7</sup>	482	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Water transportation	483	0.1	0.1	--	( <sup>8</sup> )	--
Truck transportation	484	5.6	3.8	2.6	1.2	1.8
General freight trucking	4841	3.0	2.1	1.4	0.7	0.9
General freight trucking, local	48411	0.7	0.5	0.3	0.2	0.2
General freight trucking, long-distance	48412	2.3	1.6	1.0	0.5	0.7
Specialized freight trucking	4842	2.6	1.7	1.2	0.5	0.9
Specialized freight (except used goods) trucking, local	48422	0.7	0.6	0.6	--	0.1
Specialized freight (except used goods) trucking, long-distance	48423	1.0	0.9	0.6	0.3	0.2
Transit and ground passenger transportation	485	0.4	0.3	0.3	0.1	0.1
Support activities for transportation	488	1.8	1.0	0.6	0.5	0.8
Support activities for air transportation	4881	0.7	0.4	0.2	0.3	0.2
Support activities for water transportation	4883	0.4	0.3	0.2	--	0.1
Support activities for road transportation	4884	0.1	( <sup>8</sup> )	--	--	--
Freight transportation arrangement	4885	0.4	0.1	0.1	( <sup>8</sup> )	--
Couriers and messengers	492	3.1	2.6	1.1	1.5	0.5
Warehousing and storage	493	3.0	2.1	0.7	1.3	0.9
Warehousing and storage	4931	3.0	2.1	0.7	1.3	0.9
Refrigerated warehousing and storage	49312	0.3	0.1	0.1	0.1	0.1
<b>Utilities</b>		0.8	0.5	0.2	0.2	0.4
Utilities	221	0.8	0.5	0.2	0.2	0.4
Electric power generation, transmission and distribution	2211	0.7	0.3	0.2	0.1	0.4

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
<b>Information</b>		2.3	1.5	1.2	0.3	0.8
<b>Information</b>		2.3	1.5	1.2	0.3	0.8
Publishing industries (except internet)	511	0.1	( <sup>8</sup> )	--	--	0.1
Telecommunications	517	1.6	1.2	1.0	0.2	0.4
<b>Finance, insurance, and real estate</b>		7.5	3.3	1.5	1.8	4.3
<b>Finance and insurance</b>		3.0	1.0	0.8	0.2	2.0
Credit intermediation and related activities	522	1.6	0.6	0.5	0.1	1.0
Insurance carriers and related activities	524	0.7	0.3	0.2	0.1	0.4
<b>Real estate and rental and leasing</b>		4.6	2.2	0.7	1.5	2.3
Real estate	531	3.5	1.5	0.5	1.0	2.0
Rental and leasing services	532	1.1	0.8	0.2	0.5	0.3
Commercial and industrial machinery and equipment rental and leasing	5324	0.2	0.1	--	--	--
<b>Professional and business services</b>		13.9	7.7	3.8	4.0	6.1
<b>Professional, scientific, and technical services</b>		5.1	2.8	1.7	1.0	2.3
Professional, scientific, and technical services	541	5.1	2.8	1.7	1.0	2.3
Management, scientific, and technical consulting services	5416	0.3	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.3
Other professional, scientific, and technical services	5419	2.4	1.3	--	--	1.1
<b>Management of companies and enterprises</b>		1.1	0.7	0.1	0.5	0.4
<b>Administrative and support and waste management and remediation services</b>		7.7	4.3	1.9	2.4	3.4

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Administrative and support services	561	6.7	3.8	1.7	2.1	2.9
Office administrative services	5611	1.0	0.1	( <sup>8</sup> )	--	0.9
Facilities support services	5612	0.6	0.3	0.1	0.2	0.2
Business support services	5614	0.8	0.5	0.1	0.3	0.3
Travel arrangement and reservation services	5615	0.1	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
Investigation and security services	5616	1.2	0.9	0.5	0.3	0.3
Services to buildings and dwellings	5617	2.6	1.8	0.7	1.1	0.8
Exterminating and pest control services	56171	0.2	0.1	0.1	( <sup>8</sup> )	0.1
Janitorial services	56172	1.5	1.0	0.3	0.8	0.5
Landscaping services	56173	0.9	0.7	0.3	0.3	0.3
Other support services	5619	0.3	0.2	--	--	0.1
Waste management and remediation services	562	1.0	0.5	0.2	0.3	0.5
Waste collection	5621	0.6	0.4	0.1	0.2	0.2
Waste collection	56211	0.6	0.4	0.1	0.2	0.2
Solid waste collection	562111	0.5	0.4	0.1	0.2	0.2
<b>Educational and health services</b>		31.3	12.4	5.9	6.6	18.9
<b>Educational services</b>		1.5	0.5	0.2	0.2	1.0
<b>Health care and social assistance</b>		29.8	12.0	5.6	6.3	17.9
Ambulatory health care services	621	8.1	2.3	1.5	0.8	5.8
Outpatient care centers	6214	0.6	0.1	0.1	0.1	0.4
Other outpatient care centers	62149	0.6	0.1	0.1	0.1	0.4
Home health care services	6216	1.4	0.6	0.5	0.1	0.8
Hospitals	622	13.3	5.0	2.4	2.5	8.3
Nursing and residential care facilities	623	6.9	3.9	1.4	2.4	3.0
Nursing care facilities (skilled nursing facilities)	6231	3.7	2.2	0.8	1.4	1.6
Residential intellectual and developmental disability, mental health, and substance abuse facilities	6232	0.7	0.3	0.2	0.1	0.4
Continuing care retirement communities and assisted living facilities for the elderly	6233	2.2	1.3	0.4	0.9	0.9
Social assistance	624	1.6	0.8	0.3	0.5	0.8

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
Individual and family services	6241	0.4	0.2	0.1	0.1	0.2
Community food and housing, and emergency and other relief services	6242	0.3	0.2	--	0.1	0.1
Vocational rehabilitation services	6243	0.4	0.3	0.1	0.2	0.1
<b>Leisure, entertainment, and hospitality</b>		22.4	9.8	4.6	5.2	12.6
<b>Arts, entertainment, and recreation</b>		2.4	1.2	0.5	0.7	1.2
<b>Accommodation and food services</b>		20.0	8.6	4.1	4.5	11.4
Accommodation	721	3.0	1.6	0.7	0.9	1.4
Traveler accommodation	7211	2.9	1.6	0.7	0.9	1.4
Hotels (except casino hotels) and motels	72111	2.9	1.6	0.7	0.9	1.4
Food services and drinking places	722	17.0	7.0	3.4	3.7	10.0
<b>Other services (except public administration)</b>		4.4	2.1	1.3	0.8	2.3
<b>Other services (except public administration)</b>		4.4	2.1	1.3	0.8	2.3
Repair and maintenance	811	2.6	1.4	1.1	0.3	1.2
Automotive repair and maintenance	8111	0.7	0.4	0.2	0.1	0.4
Commercial and industrial machinery and equipment (ex auto and electronic) repair and maintenance	8113	0.7	0.5	0.4	0.1	--
Personal and household goods repair and maintenance	8114	0.2	0.1	( <sup>8</sup> )	0.1	0.2
Personal and laundry services	812	1.0	0.5	0.2	0.3	0.5
Drycleaning and laundry services	8123	0.4	0.3	0.1	0.2	0.1
Religious, grantmaking, civic, professional, and similar organizations	813	0.8	0.2	0.1	0.1	0.6
Civic and social organizations	8134	0.2	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	0.1
<b>State and local government<sup>4</sup></b>		--	--	--	--	--
<b>State government<sup>4</sup></b>		--	--	--	--	--
<b>Service-providing</b>		--	--	--	--	--

See footnotes at end of table.

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	
<b>Public administration</b>		0.3	0.2	0.2	( <sup>8</sup> )	0.1
<b>Public administration</b>		0.3	0.2	0.2	( <sup>8</sup> )	0.1
<b>Local government<sup>4</sup></b>		37.3	19.4	12.8	6.6	17.9
<b>Service-providing</b>		37.3	19.4	12.8	6.6	17.9
<b>Educational and health services</b>		27.1	9.9	5.5	4.4	17.1
<b>Educational services</b>		24.4	9.3	5.1	4.2	15.1
Educational services	611	24.4	9.3	5.1	4.2	15.1
Elementary and secondary schools	6111	22.8	8.6	4.9	3.6	14.3
<b>Health care and social assistance</b>		2.6	0.6	0.4	0.2	2.0
Hospitals	622	1.8	0.4	0.3	0.1	1.4

**Table 7. Numbers of nonfatal occupational injuries and illnesses by industry and case types, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
			Total	Cases with days away from work <sup>3</sup>	Cases with job transfer or restriction	

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *North American Industry Classification System* -- United States, 2012

<sup>3</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>6</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>8</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>All industries including state and local government<sup>4</sup></b>		8.3	1.4	1.0	0.4	0.9	4.7
<b>Private industry<sup>4</sup></b>		8.8	1.5	1.1	0.1	1.0	5.2
<b>Goods-producing<sup>4</sup></b>		8.9	1.0	0.3	--	2.5	5.0
<b>Natural resources and mining<sup>4,6</sup></b>		4.9	0.6	--	( <sup>5</sup> )	--	2.8
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		26.6	( <sup>5</sup> )	--	( <sup>5</sup> )	--	--
Crop production <sup>4</sup>	111	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Animal production and aquaculture <sup>4</sup>	112	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Fishing, hunting and trapping	114	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Support activities for agriculture and forestry	115	35.9	( <sup>5</sup> )	--	( <sup>5</sup> )	--	( <sup>5</sup> )
<b>Mining, quarrying, and oil and gas extraction<sup>6</sup></b>		1.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Oil and gas extraction	211	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Mining (except oil and gas) <sup>7</sup>	212	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Support activities for mining	213	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Construction</b>		2.0	0.6	--	--	--	1.0
<b>Construction</b>		2.0	0.6	--	--	--	1.0
Construction of buildings	236	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Heavy and civil engineering construction	237	3.6	1.9	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1.7
Specialty trade contractors	238	2.2	--	--	--	--	--
<b>Manufacturing</b>		15.8	1.5	0.3	--	5.0	9.0
<b>Manufacturing</b>		15.8	1.5	0.3	--	5.0	9.0

See footnotes at end of table.

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Food manufacturing	311	51.7	2.5	1.8	( <sup>5</sup> )	16.2	31.3
Beverage and tobacco product manufacturing	312	10.8	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Leather and allied product manufacturing	316	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Wood product manufacturing	321	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Printing and related support activities	323	7.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Petroleum and coal products manufacturing	324	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Chemical manufacturing	325	--	--	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
Plastics and rubber products manufacturing	326	4.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Nonmetallic mineral product manufacturing	327	9.1	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	7.0
Primary metal manufacturing	331	25.5	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	10.8	10.5
Fabricated metal product manufacturing	332	18.9	1.9	( <sup>5</sup> )	--	( <sup>5</sup> )	15.8
Machinery manufacturing	333	7.1	1.8	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )
Computer and electronic product manufacturing	334	1.9	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Electrical equipment, appliance, and component manufacturing	335	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Transportation equipment manufacturing	336	24.9	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	7.7	16.0
Furniture and related product manufacturing	337	18.2	( <sup>5</sup> )	--	( <sup>5</sup> )	--	10.5
Miscellaneous manufacturing	339	6.6	6.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Service-providing</b>		8.8	1.6	1.3	0.2	0.5	5.2
<b>Trade, transportation, and utilities<sup>8</sup></b>		10.9	1.0	1.6	--	1.4	6.6
<b>Wholesale trade</b>		3.0	0.8	1.0	( <sup>5</sup> )	( <sup>5</sup> )	1.0
Merchant wholesalers, durable goods	423	2.5	--	--	( <sup>5</sup> )	( <sup>5</sup> )	0.5
Merchant wholesalers, nondurable goods	424	3.5	1.0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1.5
Wholesale electronic markets and agents and brokers	425	4.2	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
<b>Retail trade</b>		11.0	0.7	--	( <sup>5</sup> )	( <sup>5</sup> )	9.1
Motor vehicle and parts dealers	441	4.0	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )	3.5
Furniture and home furnishings stores	442	--	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

See footnotes at end of table.



**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Electronics and appliance stores	443	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Building material and garden equipment and supplies dealers	444	2.1	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	--
Food and beverage stores	445	4.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	3.8
Health and personal care stores	446	26.8	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	--
Clothing and clothing accessories stores	448	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Sporting goods, hobby, book, and music stores	451	7.2	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	6.2
General merchandise stores	452	20.0	2.5	1.0	( <sup>5</sup> )	( <sup>5</sup> )	16.2
Miscellaneous store retailers	453	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Transportation and warehousing<sup>8</sup></b>		20.4	2.1	3.9	--	5.2	8.1
Air transportation	481	74.7	3.7	21.4	( <sup>5</sup> )	36.6	13.0
Rail transportation <sup>8</sup>	482	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Water transportation	483	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Truck transportation	484	12.3	--	2.9	--	( <sup>5</sup> )	3.3
Transit and ground passenger transportation	485	22.6	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Support activities for transportation	488	9.5	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	4.1	5.0
Couriers and messengers	492	44.4	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	41.6
Warehousing and storage	493	8.4	--	( <sup>5</sup> )	--	( <sup>5</sup> )	5.4
<b>Utilities</b>		--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	--
Utilities	221	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--	--
<b>Information</b>		4.9	--	--	( <sup>5</sup> )	( <sup>5</sup> )	3.2
<b>Information</b>		4.9	--	--	( <sup>5</sup> )	( <sup>5</sup> )	3.2
Publishing industries (except internet)	511	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Telecommunications	517	10.5	--	--	( <sup>5</sup> )	( <sup>5</sup> )	7.2
<b>Finance, insurance, and real estate</b>		5.2	( <sup>5</sup> )	0.9	( <sup>5</sup> )	( <sup>5</sup> )	4.0

See footnotes at end of table.

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Finance and insurance</b>		4.8	( <sup>5</sup> )	--	( <sup>5</sup> )	( <sup>5</sup> )	4.1
Credit intermediation and related activities	522	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Insurance carriers and related activities	524	5.6	--	--	( <sup>5</sup> )	( <sup>5</sup> )	4.2
<b>Real estate and rental and leasing</b>		6.2	( <sup>5</sup> )	2.0	( <sup>5</sup> )	( <sup>5</sup> )	--
Real estate	531	9.2	( <sup>5</sup> )	3.1	( <sup>5</sup> )	( <sup>5</sup> )	--
Rental and leasing services	532	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Professional and business services</b>		6.8	2.5	--	0.1	--	1.9
<b>Professional, scientific, and technical services</b>		--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Professional, scientific, and technical services	541	--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Management of companies and enterprises</b>		--	--	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Administrative and support and waste management and remediation services</b>		10.0	3.1	0.9	0.3	--	5.0
Administrative and support services	561	9.6	3.3	1.0	0.4	--	4.3
Waste management and remediation services	562	14.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	13.6
<b>Educational and health services</b>		13.7	1.9	1.0	( <sup>5</sup> )	( <sup>5</sup> )	10.7
<b>Educational services</b>		3.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	2.4
<b>Health care and social assistance</b>		14.7	2.0	1.1	( <sup>5</sup> )	( <sup>5</sup> )	11.6
Ambulatory health care services	621	7.2	1.3	1.1	( <sup>5</sup> )	( <sup>5</sup> )	4.8
Hospitals	622	34.2	2.7	2.1	( <sup>5</sup> )	( <sup>5</sup> )	29.4
Nursing and residential care facilities	623	14.5	4.6	--	( <sup>5</sup> )	( <sup>5</sup> )	9.5

See footnotes at end of table.

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Social assistance	624	6.9	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	6.4
<b>Leisure, entertainment, and hospitality</b>		5.2	3.0	0.4	--	( <sup>5</sup> )	1.6
<b>Arts, entertainment, and recreation</b>		11.4	--	( <sup>5</sup> )	--	( <sup>5</sup> )	3.6
<b>Accommodation and food services</b>		4.5	2.7	0.3	--	( <sup>5</sup> )	1.3
Accommodation	721	15.2	9.1	2.5	( <sup>5</sup> )	( <sup>5</sup> )	3.6
Food services and drinking places	722	3.0	1.7	( <sup>5</sup> )	--	( <sup>5</sup> )	1.0
<b>Other services (except public administration)</b>		2.7	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )	2.4
<b>Other services (except public administration)</b>		2.7	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )	2.4
Repair and maintenance	811	--	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	--
Personal and laundry services	812	3.9	( <sup>5</sup> )	( <sup>5</sup> )	--	( <sup>5</sup> )	--
Religious, grantmaking, civic, professional, and similar organizations	813	3.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	3.6
<b>State and local government<sup>4</sup></b>		--	--	--	--	--	--
<b>State government<sup>4</sup></b>		--	--	--	--	--	--
<b>Service-providing</b>		--	--	--	--	--	--
<b>Public administration</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Public administration</b>		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
<b>Local government<sup>4</sup></b>		7.0	1.0	0.6	2.1	--	2.2
<b>Service-providing</b>		7.0	1.0	0.6	2.2	--	2.2

See footnotes at end of table.

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Educational and health services</b>		8.6	1.5	0.8	3.2	( <sup>5</sup> )	3.0
<b>Educational services</b>		6.0	1.5	0.9	3.6	( <sup>5</sup> )	( <sup>5</sup> )
Educational services	611	6.0	1.5	0.9	3.6	( <sup>5</sup> )	( <sup>5</sup> )
<b>Health care and social assistance</b>		30.6	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	28.6
Hospitals	622	32.8	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	30.8

<sup>1</sup> Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as:  $(N/EH) \times 20,000,000$  where

N = number of illnesses

EH = total hours worked by all employees during the calendar year

20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* -- United States, 2012.

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Data too small to be displayed.

<sup>6</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>8</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

**Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Numbers of illnesses by category					
		Total cases	Skin diseases or disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>All industries including state and local government<sup>3</sup></b>		8.2	1.3	1.0	0.4	0.9	4.6
<b>Private industry<sup>3</sup></b>		7.4	1.2	0.9	0.1	0.8	4.4
<b>Goods-producing<sup>3</sup></b>		1.7	0.2	0.1	--	0.5	0.9
<b>Natural resources and mining<sup>3,5</sup></b>		0.1	( <sup>4</sup> )	--	( <sup>4</sup> )	--	0.1
<b>Agriculture, forestry, fishing and hunting<sup>3</sup></b>		0.1	( <sup>4</sup> )	--	( <sup>4</sup> )	--	--
Crop production <sup>3</sup>	111	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Animal production and aquaculture <sup>3</sup>	112	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Fishing, hunting and trapping	114	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Support activities for agriculture and forestry	115	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	--	( <sup>4</sup> )
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Oil and gas extraction	211	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Mining (except oil and gas) <sup>6</sup>	212	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Support activities for mining	213	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Construction</b>		0.1	( <sup>4</sup> )	--	--	--	0.1
<b>Construction</b>		0.1	( <sup>4</sup> )	--	--	--	0.1
Construction of buildings	236	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Heavy and civil engineering construction	237	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Specialty trade contractors	238	0.1	--	--	--	--	--
<b>Manufacturing</b>		1.4	0.1	( <sup>4</sup> )	--	0.4	0.8
<b>Manufacturing</b>		1.4	0.1	( <sup>4</sup> )	--	0.4	0.8

See footnotes at end of table.

**Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Numbers of illnesses by category					
		Total cases	Skin diseases or disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Food manufacturing	311	0.5	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2	0.3
Beverage and tobacco product manufacturing	312	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Leather and allied product manufacturing	316	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Wood product manufacturing	321	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Printing and related support activities	323	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	--
Petroleum and coal products manufacturing	324	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Chemical manufacturing	325	--	--	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Plastics and rubber products manufacturing	326	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Nonmetallic mineral product manufacturing	327	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Primary metal manufacturing	331	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Fabricated metal product manufacturing	332	0.2	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	0.2
Machinery manufacturing	333	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )
Computer and electronic product manufacturing	334	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Electrical equipment, appliance, and component manufacturing	335	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Transportation equipment manufacturing	336	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1	0.1
Furniture and related product manufacturing	337	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	--	( <sup>4</sup> )
Miscellaneous manufacturing	339	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Service-providing</b>		5.8	1.0	0.8	0.1	0.3	3.5
<b>Trade, transportation, and utilities<sup>7</sup></b>		2.3	0.2	0.3	--	0.3	1.4
<b>Wholesale trade</b>		0.2	( <sup>4</sup> )	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.1
Merchant wholesalers, durable goods	423	0.1	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Merchant wholesalers, nondurable goods	424	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Wholesale electronic markets and agents and brokers	425	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
<b>Retail trade</b>		1.1	0.1	--	( <sup>4</sup> )	( <sup>4</sup> )	0.9
Motor vehicle and parts dealers	441	0.1	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	0.1
Furniture and home furnishings stores	442	--	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

See footnotes at end of table.

**Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Numbers of illnesses by category					
		Total cases	Skin diseases or disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Electronics and appliance stores	443	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Building material and garden equipment and supplies dealers	444	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	--
Food and beverage stores	445	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1
Health and personal care stores	446	0.2	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	--
Clothing and clothing accessories stores	448	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Sporting goods, hobby, book, and music stores	451	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
General merchandise stores	452	0.4	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.3
Miscellaneous store retailers	453	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Transportation and warehousing<sup>7</sup></b>		0.9	0.1	0.2	--	0.2	0.4
Air transportation	481	0.4	( <sup>4</sup> )	0.1	( <sup>4</sup> )	0.2	0.1
Rail transportation <sup>7</sup>	482	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Water transportation	483	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Truck transportation	484	0.2	--	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )
Transit and ground passenger transportation	485	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Support activities for transportation	488	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Couriers and messengers	492	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2
Warehousing and storage	493	0.1	--	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )
<b>Utilities</b>		--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	--
Utilities	221	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	--
<b>Information</b>		0.1	--	--	( <sup>4</sup> )	( <sup>4</sup> )	0.1
<b>Information</b>		0.1	--	--	( <sup>4</sup> )	( <sup>4</sup> )	0.1
Publishing industries (except internet)	511	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Telecommunications	517	0.1	--	--	( <sup>4</sup> )	( <sup>4</sup> )	0.1
<b>Finance, insurance, and real estate</b>		0.4	( <sup>4</sup> )	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.3

See footnotes at end of table.

**Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Numbers of illnesses by category					
		Total cases	Skin diseases or disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Finance and insurance</b>		0.2	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )	0.2
Credit intermediation and related activities	522	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Insurance carriers and related activities	524	0.1	--	--	( <sup>4</sup> )	( <sup>4</sup> )	0.1
<b>Real estate and rental and leasing</b>		0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Real estate	531	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Rental and leasing services	532	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Professional and business services</b>		0.9	0.3	--	( <sup>4</sup> )	--	0.2
<b>Professional, scientific, and technical services</b>		--	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Professional, scientific, and technical services	541	--	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Management of companies and enterprises</b>		--	--	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Administrative and support and waste management and remediation services</b>		0.5	0.1	( <sup>4</sup> )	( <sup>4</sup> )	--	0.2
Administrative and support services	561	0.4	0.1	( <sup>4</sup> )	( <sup>4</sup> )	--	0.2
Waste management and remediation services	562	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Educational and health services</b>		1.7	0.2	0.1	( <sup>4</sup> )	( <sup>4</sup> )	1.3
<b>Educational services</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Health care and social assistance</b>		1.6	0.2	0.1	( <sup>4</sup> )	( <sup>4</sup> )	1.3
Ambulatory health care services	621	0.4	0.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.3
Hospitals	622	0.9	0.1	0.1	( <sup>4</sup> )	( <sup>4</sup> )	0.8
Nursing and residential care facilities	623	0.2	0.1	--	( <sup>4</sup> )	( <sup>4</sup> )	0.1

See footnotes at end of table.



**Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Numbers of illnesses by category					
		Total cases	Skin diseases or disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Social assistance	624	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.1
<b>Leisure, entertainment, and hospitality</b>		0.5	0.3	( <sup>4</sup> )	--	( <sup>4</sup> )	0.1
<b>Arts, entertainment, and recreation</b>		0.1	--	( <sup>4</sup> )	--	( <sup>4</sup> )	( <sup>4</sup> )
<b>Accommodation and food services</b>		0.4	0.2	( <sup>4</sup> )	--	( <sup>4</sup> )	0.1
Accommodation	721	0.2	0.1	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Food services and drinking places	722	0.2	0.1	( <sup>4</sup> )	--	( <sup>4</sup> )	0.1
<b>Other services (except public administration)</b>		0.1	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	0.1
<b>Other services (except public administration)</b>		0.1	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	0.1
Repair and maintenance	811	--	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--
Personal and laundry services	812	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	--	( <sup>4</sup> )	--
Religious, grantmaking, civic, professional, and similar organizations	813	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>State and local government<sup>3</sup></b>		--	--	--	--	--	--
<b>State government<sup>3</sup></b>		--	--	--	--	--	--
<b>Service-providing</b>		--	--	--	--	--	--
<b>Public administration</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Public administration</b>		( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
<b>Local government<sup>3</sup></b>		0.8	0.1	0.1	0.2	--	0.2
<b>Service-providing</b>		0.8	0.1	0.1	0.2	--	0.2

See footnotes at end of table.

**Table 9. Numbers of nonfatal occupational illnesses by selected industries and category of illness, Texas, 2017**

(In thousands)

Industry <sup>1</sup>	NAICS code <sup>2</sup>	Numbers of illnesses by category					
		Total cases	Skin diseases or disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Educational and health services</b>		0.6	0.1	0.1	0.2	( <sup>4</sup> )	0.2
<b>Educational services</b>		0.4	0.1	0.1	0.2	( <sup>4</sup> )	( <sup>4</sup> )
Educational services	611	0.4	0.1	0.1	0.2	( <sup>4</sup> )	( <sup>4</sup> )
<b>Health care and social assistance</b>		0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2
Hospitals	622	0.2	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	0.2

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *North American Industry Classification System* -- United States, 2012.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data too small to be displayed.

<sup>5</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>6</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
<b>All industries including state and local government<sup>4</sup></b>		2.2	222.3	3.1	2.0
<b>Private industry<sup>4</sup></b>		2.1	175.9	2.0	1.9
<b>Goods-producing<sup>4</sup></b>		2.0	36.6	4.1	3.8
<b>Natural resources and mining<sup>4,5</sup></b>		1.3	3.6	13.2	11.5
<b>Agriculture, forestry, fishing and hunting<sup>4</sup></b>		3.4	1.4	22.8	20.5
Crop production <sup>4</sup>	111	2.8	0.3	33.7	33.9
Greenhouse, nursery, and floriculture production <sup>4</sup>	1114	3.4	0.3	41.1	43.4
Animal production and aquaculture <sup>4</sup>	112	3.8	0.6	40.5	40.8
Fishing, hunting and trapping	114	--	( <sup>8</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Support activities for agriculture and forestry	115	3.9	0.5	35.6	24.3
Support activities for crop production	1151	4.0	0.4	38.2	25.3
Support activities for crop production	11511	4.0	0.4	38.2	25.3
Crop harvesting, primarily by machine	115113	--	( <sup>8</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Postharvest crop activities (except cotton ginning)	115114	7.5	0.3	16.3	15.7
Farm labor contractors and crew leaders	115115	2.6	( <sup>8</sup> )	29.5	27.0
<b>Mining, quarrying, and oil and gas extraction<sup>5</sup></b>		0.9	2.2	12.9	13.5
Oil and gas extraction	211	0.5	0.4	30.5	31.6
Oil and gas extraction	2111	0.5	0.4	30.5	31.6
Oil and gas extraction	21111	0.5	0.4	30.5	31.6
Crude petroleum and natural gas extraction	211111	0.6	0.4	30.3	31.6
Mining (except oil and gas) <sup>6</sup>	212	1.3	0.2	( <sup>9</sup> )	( <sup>9</sup> )
Support activities for mining	213	1.1	1.6	16.3	16.7
Support activities for mining	2131	1.1	1.6	16.3	16.7
Support activities for mining	21311	1.1	1.6	16.3	16.7
Drilling oil and gas wells	213111	1.0	0.2	16.5	15.2
Support activities for oil and gas operations	213112	1.1	1.4	19.0	19.6

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
<b>Construction</b>		1.7	12.0	9.7	9.2
<b>Construction</b>		1.7	12.0	9.7	9.2
Construction of buildings	236	0.7	1.2	18.6	18.4
Residential building construction	2361	0.6	0.3	32.7	32.1
Nonresidential building construction	2362	0.8	0.9	22.1	22.3
Heavy and civil engineering construction	237	1.4	2.3	17.7	16.4
Utility system construction	2371	1.4	1.4	28.6	26.3
Water and sewer line and related structures construction	23711	3.3	0.9	38.1	38.2
Oil and gas pipeline and related structures construction	23712	0.4	0.2	31.1	31.0
Power and communication line and related structures construction	23713	1.2	0.3	25.9	24.6
Highway, street, and bridge construction	2373	1.8	0.7	13.1	12.1
Other heavy and civil engineering construction	2379	1.0	0.2	36.1	35.8
Specialty trade contractors	238	2.2	8.5	12.3	12.0
Foundation, structure, and building exterior contractors	2381	2.9	2.4	16.8	15.1
Poured concrete foundation and structure contractors	23811	2.6	0.7	19.4	20.1
Masonry contractors	23814	3.7	0.5	36.1	35.4
Glass and glazing contractors	23815	1.8	0.1	40.7	40.5
Roofing contractors	23816	2.3	0.3	35.2	36.7
Other foundation, structure, and building exterior contractors	23819	7.5	0.5	22.0	44.2
Building equipment contractors	2382	2.5	4.5	20.3	20.4
Electrical contractors and other wiring installation contractors	23821	2.6	2.1	38.2	38.9
Plumbing, heating, and air-conditioning contractors	23822	2.6	2.3	17.0	17.3
Building finishing contractors	2383	1.7	1.0	24.4	21.6
Drywall and insulation contractors	23831	2.1	0.5	28.8	27.8
Other specialty trade contractors	2389	0.9	0.6	26.0	24.8
Site preparation contractors	23891	1.2	0.4	29.5	27.9
<b>Manufacturing</b>		2.4	20.9	3.9	3.6
<b>Manufacturing</b>		2.4	20.9	3.9	3.6
Food manufacturing	311	3.4	3.4	6.5	6.6
Animal food manufacturing	3111	5.3	0.2	34.5	33.8

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
Sugar and confectionery product manufacturing	3113	4.9	0.2	20.4	30.1
Fruit and vegetable preserving and specialty food manufacturing	3114	3.3	0.3	20.9	20.6
Dairy product manufacturing	3115	3.6	0.2	25.8	25.2
Animal slaughtering and processing	3116	3.4	1.5	8.1	8.5
Animal slaughtering and processing	31161	3.4	1.5	8.1	8.5
Animal (except poultry) slaughtering	311611	3.4	0.6	15.9	17.0
Meat processed from carcasses	311612	3.6	0.3	19.9	21.2
Rendering and meat byproduct processing	311613	8.4	0.1	13.2	12.5
Poultry processing	311615	3.1	0.5	3.0	2.8
Bakeries and tortilla manufacturing	3118	3.0	0.6	15.4	16.7
Bread and bakery product manufacturing	31181	3.1	0.4	20.0	21.9
Cookie, cracker, and pasta manufacturing	31182	4.7	0.1	23.7	27.4
Tortilla manufacturing	31183	2.0	0.1	8.5	8.3
Other food manufacturing	3119	2.6	0.3	29.1	29.1
Beverage and tobacco product manufacturing	312	3.0	0.5	9.4	8.0
Beverage manufacturing	3121	3.1	0.5	9.4	8.0
Soft drink and ice manufacturing	31211	4.1	0.5	7.3	8.1
Soft drink manufacturing	312111	4.6	0.4	8.4	8.6
Breweries	31212	0.5	( <sup>8</sup> )	29.1	34.5
Leather and allied product manufacturing	316	2.2	0.1	14.1	14.0
Leather and hide tanning and finishing	3161	--	( <sup>8</sup> )	14.8	14.9
Footwear manufacturing	3162	2.4	0.1	6.2	6.3
Wood product manufacturing	321	3.3	0.9	20.2	17.8
Other wood product manufacturing	3219	4.6	0.8	23.4	19.0
Millwork	32191	4.0	0.3	54.8	45.8
Wood container and pallet manufacturing	32192	5.2	0.2	16.5	13.7
All other wood product manufacturing	32199	4.7	0.3	30.5	28.2
Paper manufacturing	322	--	--	--	--
Converted paper product manufacturing	3222	--	--	--	--
Paperboard container manufacturing	32221	2.4	0.2	26.6	26.6
Printing and related support activities	323	1.2	0.3	17.5	18.2
Printing and related support activities	3231	1.2	0.3	17.5	18.2
Printing	32311	1.2	0.3	17.9	18.5
Petroleum and coal products manufacturing	324	1.1	0.3	37.7	30.1
Petroleum and coal products manufacturing	3241	1.1	0.3	37.7	30.1

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
Petroleum refineries	32411	0.6	0.1	29.2	27.9
Chemical manufacturing	325	1.3	1.1	14.9	12.8
Basic chemical manufacturing	3251	0.5	0.2	31.7	30.9
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3252	1.8	0.2	18.9	21.0
Pesticide, fertilizer, and other agricultural chemical manufacturing	3253	2.3	0.1	28.6	28.0
Other chemical product and preparation manufacturing	3259	1.3	0.1	53.4	53.6
Plastics and rubber products manufacturing	326	2.8	1.2	10.5	11.1
Plastics product manufacturing	3261	3.0	1.1	10.5	11.1
Nonmetallic mineral product manufacturing	327	3.0	1.2	17.3	15.7
Clay product and refractory manufacturing	3271	1.7	0.1	11.3	9.8
Glass and glass product manufacturing	3272	1.3	0.1	37.6	37.3
Cement and concrete product manufacturing	3273	4.2	1.0	17.9	18.9
Lime and gypsum product manufacturing	3274	--	( <sup>8</sup> )	38.5	33.3
Other nonmetallic mineral product manufacturing	3279	1.0	0.1	42.8	38.6
Primary metal manufacturing	331	5.3	1.1	19.7	19.0
Iron and steel mills and ferroalloy manufacturing	3311	4.5	0.2	21.1	20.7
Alumina and aluminum production and processing	3313	4.4	0.1	22.5	25.1
Nonferrous metal (except aluminum) production and processing	3314	5.5	0.2	21.2	20.9
Foundries	3315	3.9	0.2	30.6	30.3
Fabricated metal product manufacturing	332	3.0	3.8	11.9	12.0
Forging and stamping	3321	6.4	0.3	27.6	29.6
Architectural and structural metals manufacturing	3323	3.7	1.8	12.8	12.4
Boiler, tank, and shipping container manufacturing	3324	3.4	0.4	29.8	28.9
Spring and wire product manufacturing	3326	2.4	0.1	33.5	31.2
Machine shops; turned product; and screw, nut, and bolt manufacturing	3327	2.2	0.5	21.6	22.1
Coating, engraving, heat treating, and allied activities	3328	1.2	0.1	36.9	38.5
Other fabricated metal product manufacturing	3329	2.9	0.8	46.3	47.6
Machinery manufacturing	333	1.5	1.3	10.5	11.4
Agriculture, construction, and mining machinery manufacturing	3331	1.1	0.5	14.1	14.1
Agricultural implement manufacturing	33311	3.9	0.1	18.5	20.1
Mining and oil and gas field machinery manufacturing	33313	0.7	0.3	20.8	21.3
Industrial machinery manufacturing	3332	0.9	0.1	11.0	15.3
Engine, turbine, and power transmission equipment manufacturing	3336	2.1	0.1	29.0	30.3

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
Other general purpose machinery manufacturing	3339	1.0	0.2	46.9	46.6
Computer and electronic product manufacturing	334	1.2	1.1	18.6	18.1
Semiconductor and other electronic component manufacturing	3344	0.8	0.3	27.2	26.6
Navigational, measuring, electromedical, and control instruments manufacturing	3345	2.9	0.6	29.5	30.2
Electrical equipment, appliance, and component manufacturing	335	1.9	0.4	26.1	25.4
Household appliance manufacturing	3352	3.6	( <sup>8</sup> )	24.9	25.5
Electrical equipment manufacturing	3353	1.8	0.2	48.2	47.2
Other electrical equipment and component manufacturing	3359	1.2	0.1	18.1	19.4
Transportation equipment manufacturing	336	2.7	2.4	8.4	8.6
Motor vehicle body and trailer manufacturing	3362	4.4	0.4	41.3	41.1
Motor vehicle parts manufacturing	3363	3.3	0.7	19.5	20.5
Aerospace product and parts manufacturing	3364	1.2	0.5	6.0	5.8
Furniture and related product manufacturing	337	4.0	1.0	20.1	17.0
Household and institutional furniture and kitchen cabinet manufacturing	3371	3.1	0.5	20.8	21.3
Office furniture (including fixtures) manufacturing	3372	6.3	0.3	40.3	38.7
Miscellaneous manufacturing	339	1.6	0.5	17.2	17.2
Medical equipment and supplies manufacturing	3391	1.6	0.2	23.9	22.5
Other miscellaneous manufacturing	3399	1.7	0.3	23.9	24.5
<b>Service-providing</b>		2.1	139.4	2.3	2.2
<b>Trade, transportation, and utilities<sup>7</sup></b>		2.9	61.1	3.0	2.8
<b>Wholesale trade</b>		2.1	11.9	8.9	8.5
Merchant wholesalers, durable goods	423	1.5	4.8	16.2	15.7
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	3.2	0.8	23.5	23.1
Furniture and home furnishing merchant wholesalers	4232	0.6	0.1	39.3	38.9
Lumber and other construction materials merchant wholesalers	4233	2.9	0.7	62.3	60.9
Professional and commercial equipment and supplies merchant wholesalers	4234	0.2	0.2	35.8	35.8
Metal and mineral (except petroleum) merchant wholesalers	4235	1.9	0.3	40.1	39.0
Hardware, and plumbing and heating equipment and supplies merchant wholesalers	4237	1.3	0.3	37.6	37.6

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
Machinery, equipment, and supplies merchant wholesalers	4238	1.3	1.1	33.4	33.5
Miscellaneous durable goods merchant wholesalers	4239	1.9	0.5	27.5	27.2
Merchant wholesalers, nondurable goods	424	3.1	5.8	8.3	7.4
Grocery and related product merchant wholesalers	4244	4.9	3.3	10.3	10.6
Petroleum and petroleum products merchant wholesalers	4247	1.2	0.2	29.5	34.8
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	6.5	1.2	9.8	8.2
Wholesale electronic markets and agents and brokers	425	1.9	1.3	40.1	40.3
<b>Retail trade</b>		3.1	31.2	3.7	3.6
Motor vehicle and parts dealers	441	2.6	4.7	9.7	9.7
Automobile dealers	4411	2.3	2.8	8.4	8.6
Other motor vehicle dealers	4412	1.5	0.2	39.8	40.0
Automotive parts, accessories, and tire stores	4413	3.4	1.7	22.1	22.0
Furniture and home furnishings stores	442	1.4	0.4	22.2	19.7
Electronics and appliance stores	443	1.2	0.4	31.2	33.1
Building material and garden equipment and supplies dealers	444	3.9	3.3	10.7	11.2
Food and beverage stores	445	4.1	6.9	5.2	4.3
Grocery stores	4451	4.5	6.8	4.5	4.3
Supermarkets and other grocery (except convenience) stores	44511	4.8	6.8	4.1	4.3
Beer, wine, and liquor stores	4453	1.2	0.1	48.0	48.3
Health and personal care stores	446	1.5	0.9	35.4	35.2
Clothing and clothing accessories stores	448	1.7	1.2	33.7	34.9
Sporting goods, hobby, book, and music stores	451	3.1	1.0	15.7	18.0
General merchandise stores	452	4.2	8.9	3.2	4.1
Department stores	4521	3.2	2.4	5.3	5.9
Other general merchandise stores	4529	4.7	6.5	4.0	5.1
Miscellaneous store retailers	453	3.8	1.7	29.1	28.4
<b>Transportation and warehousing<sup>7</sup></b>		3.8	17.1	5.0	4.0
Air transportation	481	6.4	3.3	4.8	5.3
Rail transportation <sup>7</sup>	482	0.9	0.2	( <sup>o</sup> )	( <sup>o</sup> )
Water transportation	483	1.9	0.1	29.8	31.2
Truck transportation	484	3.7	5.4	11.4	8.7

See footnotes at end of table.



**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
General freight trucking	4841	2.8	2.9	9.2	8.9
General freight trucking, local	48411	3.0	0.7	24.1	24.6
General freight trucking, long-distance	48412	2.8	2.2	9.6	8.9
Specialized freight trucking	4842	5.3	2.6	20.7	15.4
Specialized freight (except used goods) trucking, local	48422	3.6	0.7	38.1	33.8
Specialized freight (except used goods) trucking, long-distance	48423	4.7	1.0	23.4	21.2
Transit and ground passenger transportation	485	2.7	0.4	18.4	24.2
Support activities for transportation	488	2.2	1.8	18.8	17.1
Support activities for air transportation	4881	3.0	0.7	28.4	28.3
Support activities for water transportation	4883	3.9	0.4	21.1	18.1
Support activities for road transportation	4884	0.9	0.1	54.6	55.3
Freight transportation arrangement	4885	1.3	0.4	61.4	61.3
Couriers and messengers	492	8.0	3.0	6.8	5.7
Warehousing and storage	493	3.8	2.9	9.7	10.0
Warehousing and storage	4931	3.8	2.9	9.7	10.0
Refrigerated warehousing and storage	49312	6.5	0.3	43.4	40.6
<b>Utilities</b>		1.6	0.8	28.1	27.6
Utilities	221	1.6	0.8	28.1	27.6
Electric power generation, transmission and distribution	2211	1.8	0.6	31.7	31.2
<b>Information</b>		1.2	2.2	22.7	21.7
<b>Information</b>		1.2	2.2	22.7	21.7
Publishing industries (except internet)	511	0.4	0.1	32.9	33.5
Telecommunications	517	1.9	1.5	29.6	29.7
<b>Finance, insurance, and real estate</b>		1.1	7.2	16.1	16.0
<b>Finance and insurance</b>		0.6	2.8	20.0	19.8
Credit intermediation and related activities	522	0.6	1.5	30.7	30.8
Insurance carriers and related activities	524	0.4	0.6	23.0	23.2

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
<b>Real estate and rental and leasing</b>		2.3	4.4	22.9	22.9
Real estate	531	2.5	3.3	28.7	28.5
Rental and leasing services	532	1.7	1.1	32.5	31.9
Commercial and industrial machinery and equipment rental and leasing	5324	0.8	0.2	46.4	45.4
<b>Professional and business services</b>		1.0	13.0	9.0	8.7
<b>Professional, scientific, and technical services</b>		0.7	4.9	18.0	17.5
Professional, scientific, and technical services	541	0.7	4.9	18.0	17.5
Management, scientific, and technical consulting services	5416	0.1	0.1	32.6	34.1
Other professional, scientific, and technical services	5419	5.6	2.4	29.7	29.5
<b>Management of companies and enterprises</b>		0.6	0.9	25.8	25.4
<b>Administrative and support and waste management and remediation services</b>		1.5	7.2	9.7	9.7
Administrative and support services	561	1.4	6.3	10.7	10.8
Office administrative services	5611	1.4	1.0	43.3	43.0
Facilities support services	5612	5.3	0.6	17.0	21.3
Business support services	5614	0.8	0.7	28.7	28.6
Travel arrangement and reservation services	5615	0.4	0.1	43.6	40.2
Investigation and security services	5616	1.7	1.1	17.7	18.6
Services to buildings and dwellings	5617	1.8	2.5	16.1	16.7
Exterminating and pest control services	56171	1.9	0.2	42.3	42.6
Janitorial services	56172	2.3	1.5	23.9	25.8
Landscaping services	56173	1.5	0.8	17.1	17.5
Other support services	5619	1.3	0.2	50.3	49.6
Waste management and remediation services	562	3.1	1.0	23.5	19.8
Waste collection	5621	5.0	0.5	24.2	22.1
Waste collection	56211	5.0	0.5	24.2	22.1

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
Solid waste collection	562111	5.6	0.5	24.2	21.4
<b>Educational and health services</b>		2.4	29.7	4.5	4.0
<b>Educational services</b>		1.2	1.5	15.2	14.1
<b>Health care and social assistance</b>		2.6	28.2	4.6	4.2
Ambulatory health care services	621	1.4	7.7	13.7	13.5
Outpatient care centers	6214	1.2	0.5	37.0	38.2
Other outpatient care centers	62149	1.4	0.5	37.8	38.2
Home health care services	6216	0.9	1.3	15.8	15.8
Hospitals	622	4.6	12.3	1.4	1.4
Nursing and residential care facilities	623	4.5	6.6	6.9	6.7
Nursing care facilities (skilled nursing facilities)	6231	4.5	3.6	8.0	7.7
Residential intellectual and developmental disability, mental health, and substance abuse facilities	6232	3.3	0.7	15.7	17.2
Continuing care retirement communities and assisted living facilities for the elderly	6233	5.4	2.1	15.1	14.7
Social assistance	624	1.1	1.5	19.6	18.4
Individual and family services	6241	0.7	0.4	30.5	34.5
Community food and housing, and emergency and other relief services	6242	3.1	0.2	35.4	36.2
Vocational rehabilitation services	6243	3.1	0.4	17.9	16.6
<b>Leisure, entertainment, and hospitality</b>		2.5	21.9	5.2	5.3
<b>Arts, entertainment, and recreation</b>		2.5	2.3	9.7	9.4
<b>Accommodation and food services</b>		2.5	19.6	5.7	5.8
Accommodation	721	2.8	2.8	12.4	12.5
Traveler accommodation	7211	2.9	2.8	12.6	12.8
Hotels (except casino hotels) and motels	72111	2.9	2.8	12.6	12.8
Food services and drinking places	722	2.4	16.8	6.3	6.4

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
<b>Other services (except public administration)</b>		1.7	4.4	21.9	19.6
<b>Other services (except public administration)</b>		1.7	4.4	21.9	19.6
Repair and maintenance	811	2.1	2.6	31.3	27.9
Automotive repair and maintenance	8111	0.9	0.7	29.6	29.9
Commercial and industrial machinery and equipment (ex auto and electronic) repair and maintenance	8113	2.8	0.7	48.4	47.4
Personal and household goods repair and maintenance	8114	4.3	0.2	60.7	52.1
Personal and laundry services	812	1.1	1.0	36.1	35.3
Drycleaning and laundry services	8123	1.6	0.4	26.5	27.9
Religious, grantmaking, civic, professional, and similar organizations	813	1.7	0.8	42.8	38.1
Civic and social organizations	8134	1.1	0.2	44.5	40.1
<b>State and local government<sup>4</sup></b>		--	--	--	--
<b>State government<sup>4</sup></b>		--	--	--	--
<b>Service-providing</b>		--	--	--	--
<b>Public administration</b>		0.3	0.3	13.7	27.1
<b>Public administration</b>		0.3	0.3	13.7	27.1
<b>Local government<sup>4</sup></b>		3.4	36.6	14.4	8.4
<b>Service-providing</b>		3.4	36.6	14.4	8.4
<b>Educational and health services</b>		3.6	26.4	7.9	8.4
<b>Educational services</b>		3.7	24.0	8.7	9.2
Educational services	611	3.7	24.0	8.7	9.2
Elementary and secondary schools	6111	3.7	22.7	9.3	9.7

See footnotes at end of table.

**Table 10. Incidence rate<sup>1</sup> and number of nonfatal occupational injuries by industry, Texas, 2017**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rate <sup>1</sup>	Number of cases (thousands)	Percent relative standard errors	
				Incidence rates	Numbers
<b>Health care and social assistance</b>		3.1	2.4	12.6	12.0
Hospitals	622	3.0	1.6	18.3	17.2

<sup>1</sup> Incidence rates represent the number of injuries per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

- N = number of injuries
- EH = total hours worked by all employees during the calendar year
- 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* -- United States, 2012.

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Data for mining (Sector 21 in the *North American Industry Classification System*, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>6</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>8</sup> Data too small to be displayed.

<sup>9</sup> Relative standard errors were not calculated for mining, except oil and gas (NAICS 212), and rail transportation (NAICS 482).

<sup>10</sup> Percent relative standard error less than 0.05.

NOTE: Because of rounding, components may not add to totals. Dashes indicate data that do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018

Table 11. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry sector and case types, 2015-2017, Texas

Industry sector <sup>2</sup>	Total recordable cases			Cases with days away from work, job transfer, or restriction									Other recordable cases		
				Total			Cases with days away from work <sup>6</sup>			Cases with job transfer or restriction					
	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
<b>All industries including state and local government<sup>3</sup></b>	2.6	2.5	2.3	1.3	1.3	1.3	0.6	0.7	0.6	0.7	0.6	0.7	1.3	1.2	1.0
<b>Private industry<sup>3</sup></b>	2.3	2.2	2.2	1.2	1.2	1.2	0.6	0.6	0.6	0.7	0.6	0.6	1.0	1.0	0.9
<b>Goods-producing<sup>3</sup></b>	2.2	2.2	2.0	1.3	1.3	1.3	0.6	0.6	0.7	0.7	0.7	0.6	0.9	0.9	0.7
<b>Natural resources and mining<sup>3,4</sup></b>	--	1.3	1.4	--	0.9	0.8	--	0.6	0.6	--	0.2	0.3	--	0.4	0.5
<b>Agriculture, forestry, fishing and hunting<sup>3</sup></b>	4.4	4.1	3.7	2.8	3.2	1.7	1.1	2.4	1.1	1.7	0.8	0.6	1.6	0.9	2.0
<b>Mining, quarrying, and oil and gas extraction<sup>4</sup></b>	--	0.8	0.9	--	0.5	0.7	--	0.3	0.5	--	0.1	0.2	--	0.3	0.3
<b>Construction</b>	2.0	2.0	1.7	1.1	1.1	1.0	0.6	0.6	0.6	0.6	0.5	0.4	0.9	0.9	0.7
<b>Manufacturing</b>	2.8	2.5	2.5	1.8	1.6	1.7	0.7	0.6	0.7	1.0	0.9	1.0	1.1	1.0	0.9
<b>Service-providing</b>	2.3	2.2	2.2	1.2	1.2	1.2	0.5	0.6	0.5	0.7	0.6	0.6	1.1	1.0	1.0
<b>Trade, transportation, and utilities<sup>5</sup></b>	3.3	3.0	3.0	2.1	2.0	2.0	0.9	0.9	0.9	1.2	1.1	1.1	1.2	1.0	1.0
<b>Wholesale trade</b>	2.5	2.2	2.1	1.8	1.4	1.5	0.7	0.6	0.5	1.1	0.8	1.0	0.7	0.8	0.6
<b>Retail trade</b>	3.5	3.1	3.2	2.0	1.9	2.0	0.7	0.7	0.7	1.3	1.2	1.2	1.5	1.2	1.2
<b>Transportation and warehousing<sup>5</sup></b>	4.0	3.8	4.0	2.8	2.9	2.9	1.6	1.8	1.7	1.2	1.1	1.2	1.2	0.9	1.2
<b>Utilities</b>	--	1.7	1.8	--	1.2	0.9	--	0.7	0.5	--	0.5	0.5	--	0.5	0.8
<b>Information</b>	1.5	1.1	1.3	0.7	0.7	0.8	0.5	0.6	0.7	0.3	0.1	0.1	0.7	0.4	0.5
<b>Finance, insurance, and real estate</b>	0.7	0.9	1.1	0.4	0.4	0.5	0.2	0.3	0.2	0.2	0.1	0.3	0.4	0.5	0.6
<b>Finance and insurance</b>	0.4	0.6	0.6	0.2	0.2	0.2	0.1	0.1	0.2	( <sup>7</sup> )	0.1	( <sup>7</sup> )	0.2	0.3	0.4
<b>Real estate and rental and leasing</b>	1.6	1.9	2.3	0.9	0.9	1.1	0.3	0.6	0.4	0.6	0.3	0.8	0.7	1.0	1.2
<b>Professional and business services</b>	1.0	1.1	1.1	0.5	0.5	0.6	0.3	0.4	0.3	0.2	0.2	0.3	0.6	0.5	0.5
<b>Professional, scientific, and technical services</b>	0.5	0.7	0.8	0.3	0.3	0.4	0.2	0.2	0.3	0.1	0.1	0.2	0.3	0.5	0.3
<b>Management of companies and enterprises</b>	0.4	--	0.8	0.3	--	0.5	0.1	--	0.1	0.2	--	0.4	0.2	--	0.3
<b>Administrative and support and waste management and remediation services</b>	1.9	1.7	1.6	0.8	1.0	0.9	0.4	0.7	0.4	0.4	0.3	0.5	1.1	0.7	0.7
<b>Educational and health services</b>	2.6	2.7	2.6	1.1	1.2	1.0	0.6	0.6	0.5	0.6	0.6	0.5	1.5	1.5	1.6
<b>Educational services</b>	1.3	1.5	1.3	0.4	0.6	0.4	0.3	0.4	0.2	0.1	0.2	0.2	0.9	0.9	0.9
<b>Health care and social assistance</b>	2.8	2.8	2.7	1.2	1.2	1.1	0.6	0.6	0.5	0.6	0.6	0.6	1.5	1.5	1.6
<b>Leisure, entertainment, and hospitality</b>	2.8	2.9	2.5	1.1	1.3	1.1	0.5	0.6	0.5	0.7	0.7	0.6	1.7	1.6	1.4
<b>Arts, entertainment, and recreation</b>	3.0	3.4	2.6	1.7	2.1	1.3	1.0	--	0.6	0.8	1.1	0.7	1.3	1.3	1.4
<b>Accommodation and food services</b>	2.8	2.8	2.5	1.1	1.2	1.1	0.4	0.6	0.5	0.7	0.6	0.6	1.7	1.6	1.4
<b>Other services (except public administration)</b>	1.8	1.9	1.7	0.9	0.8	0.8	0.4	0.4	0.5	0.5	0.4	0.3	1.0	1.1	0.9
<b>Other services (except public administration)</b>	1.8	1.9	1.7	0.9	0.8	0.8	0.4	0.4	0.5	0.5	0.4	0.3	1.0	1.1	0.9
<b>State and local government<sup>3</sup></b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>State government<sup>3</sup></b>	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Local government<sup>3</sup></b>	--	--	3.4	--	--	1.8	--	--	1.2	--	--	0.6	--	--	1.6

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where  
 N = number of injuries and illnesses  
 EH = total hours worked by all employees during the calendar year  
 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> North American Industry Classification System -- United States, 2012.

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for mining (Sector 21 in the North American Industry Classification System, 2012 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>6</sup> Days-away-from-work cases include those that result in days away from work with or without restricted work activity.

<sup>7</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating state agencies, September 10, 2018